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FPS-16 RADAR/JIMSPHERE WIND DATA MEASURED AT THE EASTERN TEST RANGE

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Aero-Astrodynamics Laboratory

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ABSTRACT

This report presents wind measurements at Eastern Test Range employing the FPS-16 Radar/Jimsphere method. One hundred and twelve wind velocity profiles are presented. These measurements were made from November 1964 to May 1965. These data are not intended as a recommended statistical sample for structural and control system design criteria. They are presented to document this limited group of detailed wind profiles, and to provide a source for these data for use by other research organizations. The wind data presented herein supersedes the wind data presented in MTP-AERO-62-86. Author

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AEROSPACE ENVIRONMENT OFFICE
AERO-ASTRODYNAMICS LABORATORY
RESEARCH AND DEVELOPMENT OPERATIONS

TABLE OF CONTENTS

		Page
SECTION I.	INTRODUCTION.	1
SECTION II.	DISCUSSION OF DATA.	2
SECTION III.	ACCURACY OF DATA.	4
SECTION IV.	COMMENTS.	4

LIST OF ILLUSTRATIONS

Figures	Title	Page
1-112	Plots of FPS-16 Radar/Jimsphere Wind Profile Data. .	10-121

LIST OF TABLES

Table	Title	Page
I	List of Wind Profile Measurements Contained in This Report.	6-9
II	Tabulated FPS-16 Radar/Jimsphere Data, Eastern Test Range.	123-456

TECHNICAL MEMORANDUM X-53290

FPS-16 RADAR/JIMSPHERE WIND DATA MEASURED AT THE EASTERN TEST RANGE

SUMMARY

This report presents wind measurements at Eastern Test Range employing the FPS-16 Radar/Jimsphere method. One hundred and twelve wind velocity profiles are presented. These measurements were made from November 1964 to May 1965. These data are not intended as a recommended statistical sample for structural and control system design criteria. They are presented to document this limited group of detailed wind profiles, and to provide a source for these data for use by other research organizations. The wind data presented herein supersedes the wind data presented in MTP-AERO-62-86.

SECTION I. INTRODUCTION

Wind measurements began in November 1961 at the Eastern Test Range employing the FPS-16 radar/spherical balloon technique. Initially a smooth balloon was used, but it was later learned that a smooth balloon is aerodynamically unstable in the lower atmosphere and therefore was not a good wind sensor (Refs. 1-3). The so-called Jimsphere balloon was subsequently developed, and studies show that it is an accurate wind sensor (Refs. 4 & 5). The Jimsphere balloon was used in measuring all of the wind profile data presented in this report.

A data reduction method (Ref. 6) was developed at the Marshall Space Flight Center and used to process all wind profile data presented in this report. The program performs essentially the following functions. The 0.1-second X, Y, Z coordinates obtained from the tracking radar are smoothed over 4 seconds in time using a first degree polynomial. The position coordinates for the balloon at 25-meter altitude intervals are determined from these first degree polynomials. The wind components are then computed from these smooth position coordinates using finite differences. The wind speeds are computed over 50-meter altitude intervals and printed out at 25-meter intervals. It is suggested that interested readers refer to reference 6 for details regarding the data reduction procedures.

A systematic wind measuring program is now being conducted at the

Eastern and Western Test Ranges. At the Eastern Test Range two measurements are made per day, Monday through Friday, series of 8 or 10 balloons flown during the same day at intervals of approximately two weeks, and measurements are made as required in support of all major vehicle launchings. These data are currently being used by numerous organizations throughout the country in various space vehicle programs, and studies have been made to investigate small-scale motions associated with vertical wind velocity profiles (Refs. 7-9). At the Western Test Range a series of 8 or 10 measurements approximately one hour apart is made on the same day at intervals of approximately two weeks. These measurements have proven to be very valuable in establishing the time variability of small-scale motions, and for determining the nature of turbulence for space vehicles (Ref. 8).

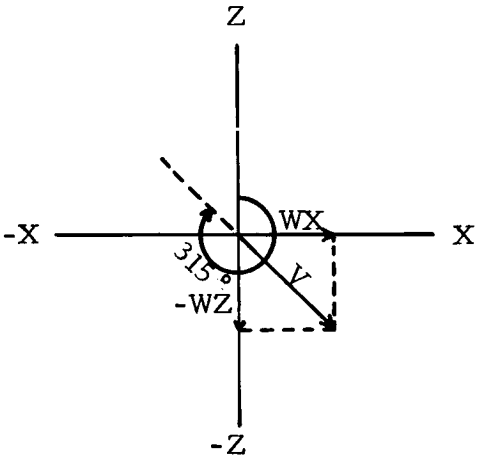
Detailed wind velocity profile measurements, such as those provided by the FPS-16 radar/Jimsphere method and presented in this report, are needed for use in space vehicle and spacecraft design studies, studying atmospheric turbulence for space vehicles, astronaut simulation training, establishing environmental design criteria for space vehicles, and for use in scientific investigations. The data presented in this report are not intended as design criteria and should not be used for this purpose. It is recommended that when design data are required the appropriate government agency be contacted. The data presented in this document supersedes those in reference 10. Reference 10 contains inaccurate data measured using smooth spheres and should be destroyed.

SECTION II. DISCUSSION OF DATA

The XYZ coordinate system employed in data reduction and presentation is as follows. The X-axis was chosen to be positive toward the east, Z positive toward the north, and Y positive upwards. This is the system ordinarily employed in presenting wind data; however, the Y and Z axes are often interchanged. The X-axis is oriented W-E and is called the zonal axis; the Y-axis is oriented S-N and is called the meridional axis. Therefore, when the vector wind is presented as components along these axes, they are referred to as the zonal and meridional wind speeds, respectively. The following notation will be employed in this report:

ALT - Altitude in meters
WX - Zonal wind speed component in m/sec
WZ - Meridional wind speed component in m/sec
V - Scalar wind speed in m/sec
DIR - Direction from which wind is blowing in degrees measured clockwise from north

The component wind speeds are found by projecting the horizontal wind vector on the X-Z coordinate plane (vertical motion is neglected). If the vector representing the component wind speed points toward the positive direction of the axis, the component wind speed is positive; if it points in the negative direction of the axis, the component wind speed is negative. For example, a wind blowing from a direction of 315° (from the NW toward the SE) would be represented on the horizontal coordinate axes X and Z as follows:



The zonal component WX points in the positive direction of the X-axis and, therefore, is positive. The meridional component WZ points in the negative direction of the Z-axis and is negative. It must be clearly understood when applying these data that the direction from which the wind is blowing is the direction given, and that the vector is plotted in the direction toward which the wind is blowing when determining the component wind speeds. The fact that wind speeds and directions are given to two decimal places has no significance. Errors in these measurements are discussed in Section III.

The wind data are presented at 25-meter altitude intervals. In some cases radar tracking data was not suitable for calculating winds over the entire altitude range from near the surface to 18 km, the floating altitude of the Jimsphere. However, the data are continuous; i. e., a wind measurement is given at each 25-meter interval over the altitudes given.

Each wind speed profile measurement is identified by the test number which was assigned by operations personnel at the Eastern Test Range, and by date and time. The tabulated data and graphs for individual profiles are given in Tables I and II and Figures 1 through 112.

SECTION III. ACCURACY OF DATA

A theoretical study of the accuracies of wind data measured by the FPS-16 radar/Jimsphere method has been conducted and is presented in Reference 6. This study indicated that the RMS error in the wind data was on the order of 1 m/sec depending upon the smoothing interval of the position coordinates. Since the accuracy of the measured wind data is highly dependent upon the accuracy of the angular measurements from the radar, and since the RMS errors in the angular measurements are not accurately known, such a theoretical study serves only as an estimation of the errors inherent in the measured wind data.

A practical approach was taken to determine the accuracy of the wind data. This was done by tracking the same sphere with two FPS-16 radars, by determining the RMS differences between the two simultaneously and independently measured velocity profiles, and from these RMS differences, computing the RMS errors in the wind speeds as measured by each radar. A report is being prepared which presents the method for doing this and the results obtained. The following table is a brief resume of the RMS errors in the measured wind data as determined by this method for one run.

	RMS Errors		
Altitude Interval (m)	WX(m/sec)	WZ(m/sec)	V (m/sec)
2000 - 3975	0.30	0.39	0.39
4000 - 5975	0.23	0.16	0.25
6000 - 7975	0.19	0.19	0.23
8000 - 9975	0.18	0.28	0.30
10,000 - 11,975	0.19	0.18	0.22
12,000 - 13,975	0.27	0.18	0.32
14,000 - 15,975	0.32	0.18	0.32
16,000 - 17,975	0.21	0.17	0.24

As shown in this table, the RMS errors in the measured wind speeds are generally less than 0.5 m/sec. Ocassionally errors appear in the radar tracking data which produce larger errors in the wind data.

SECTION IV. COMMENTS

Rawinsonde measurements were made simultaneously, or nearly so, with most of the FPS-16 radar/Jimsphere measurements presented in this report. General features of the profiles measured by the two methods are in excellent agreement.

It is suggested that before employing these data in design studies or

scientific investigations that the user familiarize himself with the data reduction method presented in Reference 6.

It is emphasized that the high resolution wind velocity profile data presented in this report are not intended for use as design criteria; however, they may be used advantageously in studying response of vehicles to small-scale motions, and in scientific investigations of atmospheric turbulence and small-scale motions associated with vertical wind profiles. They are not intended as a recommended statistical sample for use in establishing space vehicle structural or control system design. Such design cannot be established on the basis of this small sample of wind profiles.

It is requested that copies of reports utilizing the wind velocity profiles presented herein be provided the Aerospace Environment Office (R-AERO-Y), NASA- George C. Marshall Space Flight Center, Huntsville, Alabama. Any questions concerning the data presented in this report should be directed to this Office.

TABLE I

LIST OF WIND PROFILE MEASUREMENTS CONTAINED IN THIS REPORT

Test Number	Date	Time (Z)	Altitude Range of Data (m)	Maximum Wind Speed (m/sec)
7975	November 28, 1964	1455	1350-18675	30.54
8920	December 23, 1964	1400	200-17250	30.82
8940	December 23, 1964	1600	225-17250	24.74
8959	December 28, 1964	1316	675-17025	32.87
8960	December 29, 1964	0104	1325-17925	24.17
8963	December 31, 1964	1310	200-16975	29.38
0866	January 12, 1965	1300	225-17950	41.66
163-03	January 13, 1965	1826	1900-14125	30.26
163-06	January 13, 1965	2137	2600-15975	28.20
163-09	January 14, 1965	0040	3225-14575	27.43
0360	January 22, 1965	0106	2775-17425	34.49
0356	January 22, 1965	1929	1650-18425	45.92
516-03	January 27, 1965	1714	450-13300	55.27
516-04	January 27, 1965	1830	200-16225	57.85
516-06	January 27, 1965	2129	300-16000	60.61
516-07	February 5, 1965	2230	225-14725	61.10
0734	February 10, 1965	1308	175-16075	56.82
0869	February 10, 1965	0100	475-14225	36.95
870-01	February 10, 1965	1305	250-16850	33.70
870-02	February 10, 1965	1428	2875-17250	34.25
870-03	February 10, 1965	1530	250-16150	33.24
870-04	February 10, 1965	1645	200-16700	33.48
870-05	February 10, 1965	1802	225-16975	33.52
870-06	February 10, 1965	1915	300-16650	34.98
870-07	February 10, 1965	2031	5775-13575	55.30
870-09	February 10, 1965	2305	200-17500	38.07
870-10	February 11, 1965	0035	200-15875	36.06
0982	February 12, 1965	1633	425-16850	35.53

TABLE I (CONT'D)

LIST OF WIND PROFILE MEASUREMENTS CONTAINED IN THIS REPORT

Test Number	Date	Time (Z)	Altitude Range of Data (m)	Maximum Wind Speed (m/sec)
0977	February 16, 1965	0525	1100-17150	40.65
0978	February 16, 1965	0701	200-17775	37.90
1272-2	February 24, 1965	1521	350-12825	51.05
1272-4	February 24, 1965	2020	175-16000	56.51
1272-5	February 24, 1965	2150	400-18350	57.52
1272-6	February 24, 1965	0000	225-15500	54.43
1272-7	February 25, 1965	0025	175-17975	54.33
1272-8	February 25, 1965	0144	225-18400	55.52
1272-9	February 25, 1965	0259	175-14000	56.22
1639	March 9, 1965	0100	200-16625	79.02
1654	March 9, 1965	1006	625-14000	74.18
1655	March 9, 1965	1200	350-13975	71.19
1657	March 9, 1965	1341	575-16000	66.84
1662	March 10, 1965	0151	175-14000	61.09
1660	March 10, 1965	1001	375-14000	69.77
1661	March 10, 1965	1201	1050-14000	69.86
1706	March 10, 1965	1925	1700-15000	65.61
1735	March 10, 1965	2046	200-14500	61.91
1720	March 10, 1965	2215	225-14000	61.09
1721	March 10, 1965	2339	300-15975	60.01
1640	March 11, 1965	0130	1225-16000	61.62
1642	March 12, 1965	0100	175-14000	54.22
1643	March 12, 1965	1306	150-16000	50.43
1644	March 13, 1965	0122	225-14000	49.85
1800	March 16, 1965	0100	325-15000	54.70
1801	March 17, 1965	0100	225-18250	51.19
1807	March 17, 1965	1332	750-14450	48.93
1912	March 18, 1965	0100	250-16000	45.69

TABLE I (CONT'D)

LIST OF WIND PROFILE MEASUREMENTS CONTAINED IN THIS REPORT

Test Number	Date	Time (Z)	Altitude Range of Data (m)	Maximum Wind Speed (m/sec)
1804	March 20, 1965	0100	200-16000	51.75
1817	March 21, 1965	2338	275-18025	47.58
1989	March 23, 1965	0012	6100-16000	58.32
1988	March 24, 1965	0800	175-15950	59.61
1990	March 24, 1965	1141	600-16350	57.49
1998	March 24, 1965	0100	375-13525	40.98
1997	March 24, 1965	0112	4025-17800	48.45
1994	March 24, 1965	1300	225-17875	45.17
1995	March 25, 1965	1300	225-17875	39.50
1999	March 26, 1965	0015	200-16300	39.56
1916	March 27, 1965	0119	200-14000	39.16
2113	March 30, 1965	0103	1125-17575	38.52
2119	March 30, 1965	1800	275-15625	43.92
2115	April 1, 1965	0100	175-17875	45.44
2116	April 2, 1965	0100	200-16000	44.25
2122	April 2, 1965	1305	225-17875	41.38
2117	April 3, 1965	0100	275-17625	39.49
2267	April 3, 1965	1307	925-17850	42.22
2263	April 7, 1965	0130	175-18150	37.80
2269	April 7, 1965	1300	225-17600	33.55
2265	April 9, 1965	0000	200-17650	36.20
2425	April 9, 1965	1300	150-16425	39.61
2272-2	April 13, 1965	1415	175-13500	43.87
2272-3	April 13, 1965	1530	225-17475	45.74
2272-4	April 13, 1965	1700	2825-14000	45.00
2272-8	April 13, 1965	2210	225-16250	48.57
2272-9	April 13, 1965	2325	200-18000	48.88
2378	April 15, 1965	1300	225-15925	41.69

TABLE I (CONT'D)

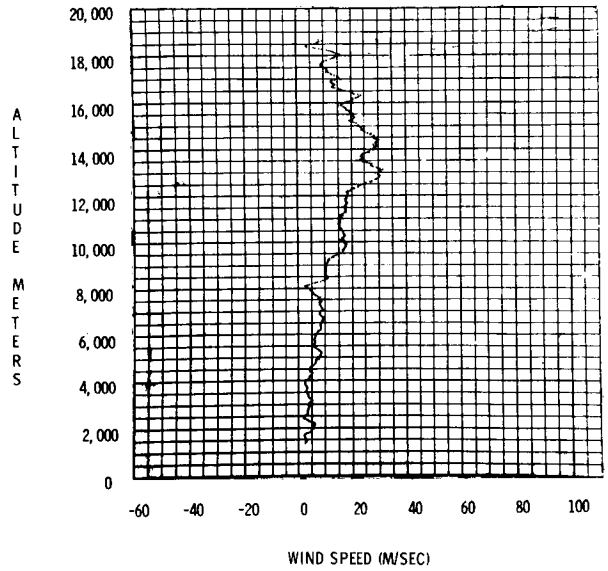
LIST OF WIND PROFILE MEASUREMENTS CONTAINED IN THIS REPORT

Test Number	Date	Time (Z)	Altitude Range of Data (m)	Maximum Wind Speed (m/sec)
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2499	April 19, 1965	1300	250-17400	40.90
2500-2	April 20, 1965	1300	225-17350	40.91
2501	April 21, 1965	0000	200-17350	44.77
2505	April 21, 1965	0100	175-17400	44.63
2502	April 22, 1965	1300	350-17125	43.17
2507	April 23, 1965	0100	350-16925	36.27
2503	April 23, 1965	1300	1025-16975	32.47
2508	April 25, 1965	1300	150-17375	28.85
2573	April 26, 1965	1300	350-17125	26.10
2652-1	April 27, 1965	1300	550-17625	43.53
2579	April 27, 1965	0219	525-17125	46.12
2652-4	April 27, 1965	1600	275-16725	45.43
2652-5	April 27, 1965	1712	250-16125	48.06
2652-9	April 27, 1965	2220	300-15500	49.88
2652-10	April 27, 1965	2314	325-17925	46.37
2581	April 29, 1965	0100	925-17950	54.42
2576	April 29, 1965	1300	275-15000	55.76
2804	May 4, 1965	1300	375-17150	38.58
2805	May 5, 1965	1300	250-17250	40.73
2806	May 7, 1965	1402	325-17200	25.36
2666	May 8, 1965	0219	175-16350	25.25
2936	May 10, 1965	1300	325-16250	27.41
2937	May 11, 1965	0100	325-16950	24.32
2933	May 11, 1965	1300	325-17175	18.80
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2939	May 13, 1965	0100	325-17925	32.77
3264	May 25, 1965	0754	4150-17000	18.20

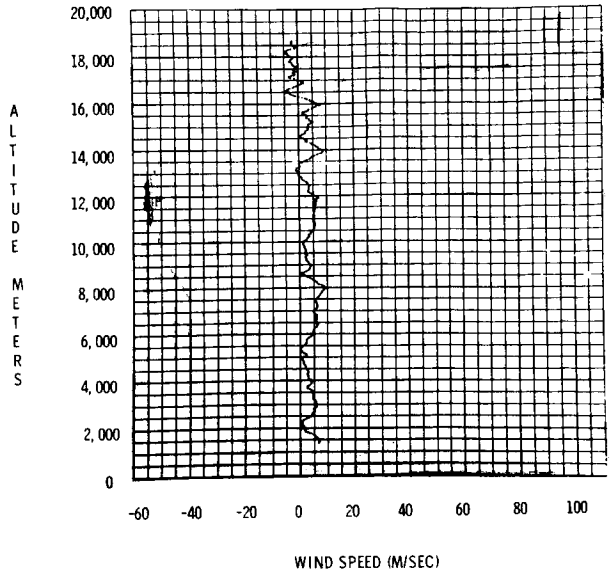
Figures 1 - 112

Plots of FPS-16 Radar/Jimsphere Wind Profile Data

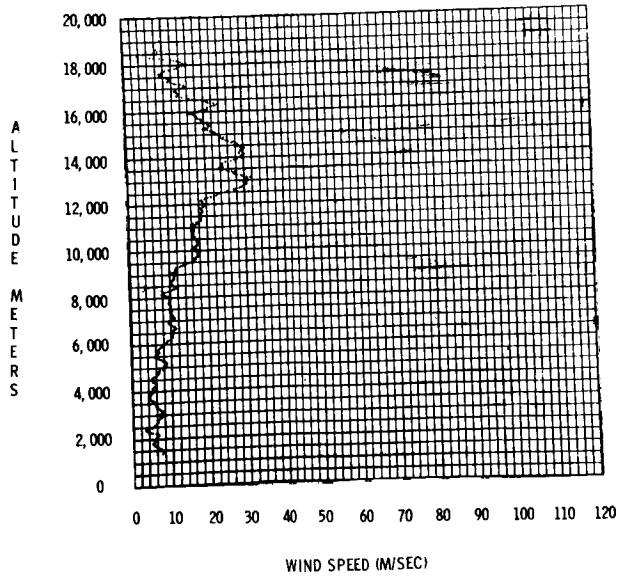
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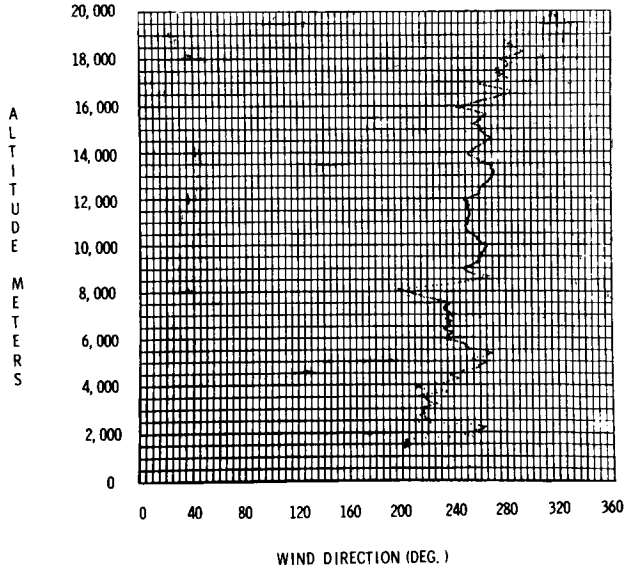
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



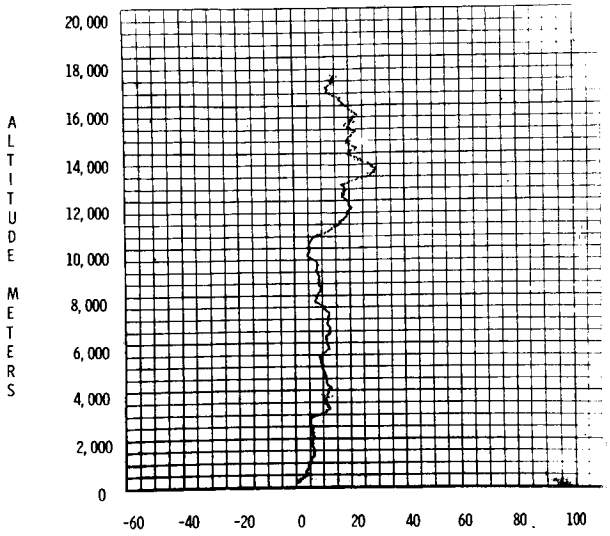
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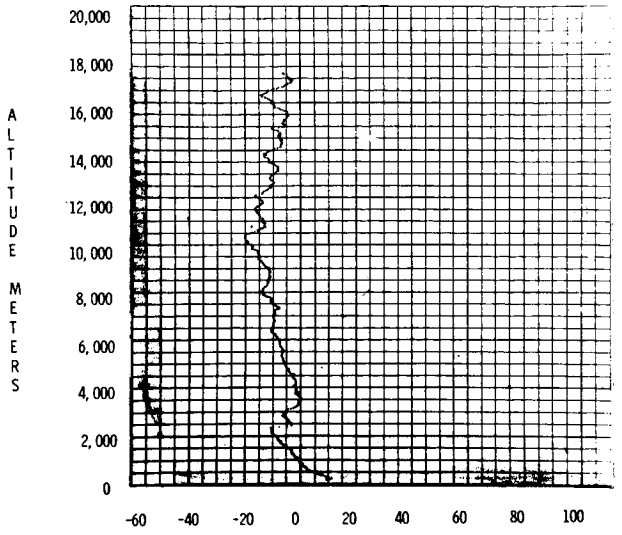
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 7975 NOVEMBER 28, 1964 1455Z ETR

FIGURE 1

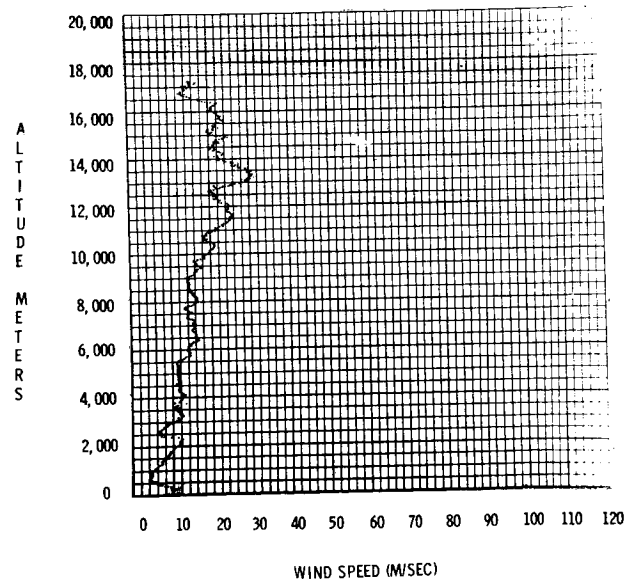
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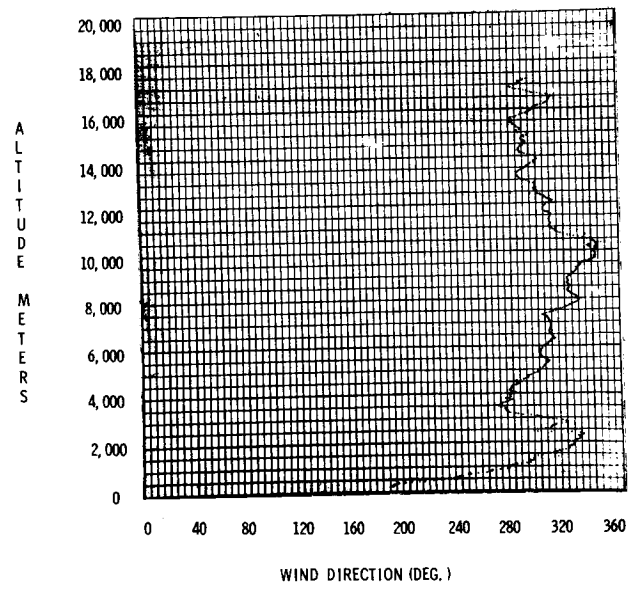
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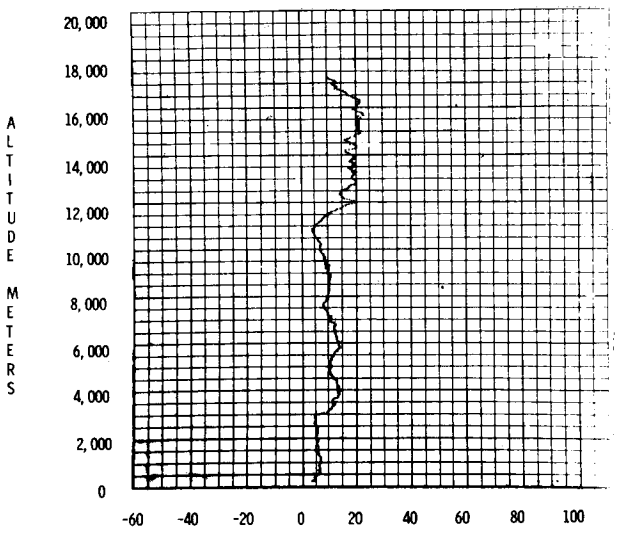
WIND DIRECTION PROFILE



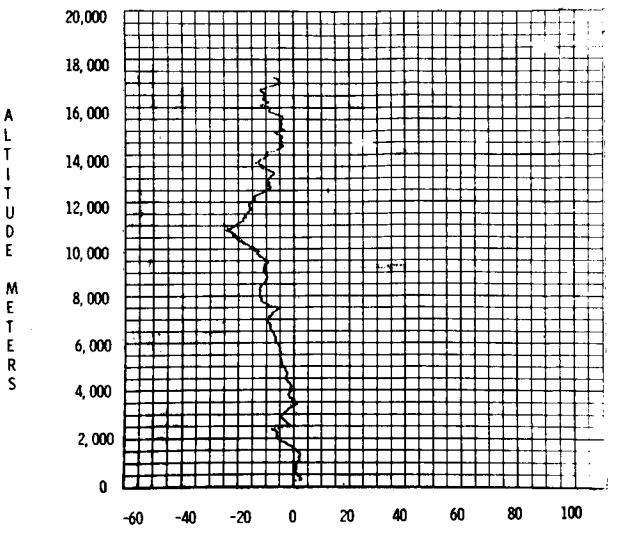
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 8920 DECEMBER 23, 1964 1400Z ETR

FIGURE 2

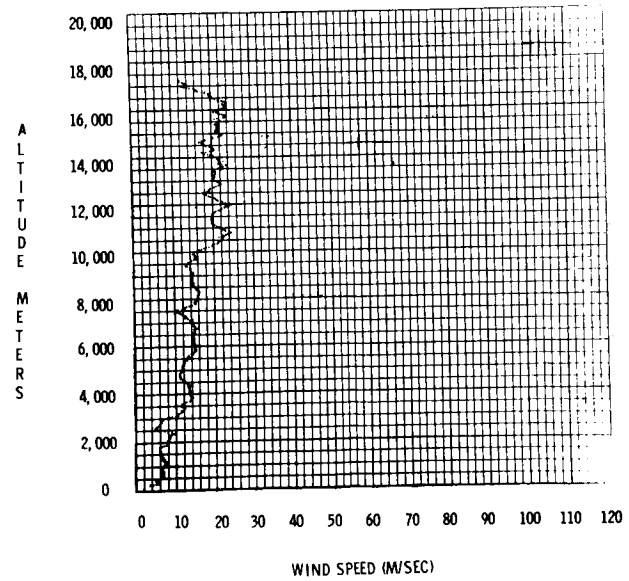
ZONAL WIND SPEED PROFILE



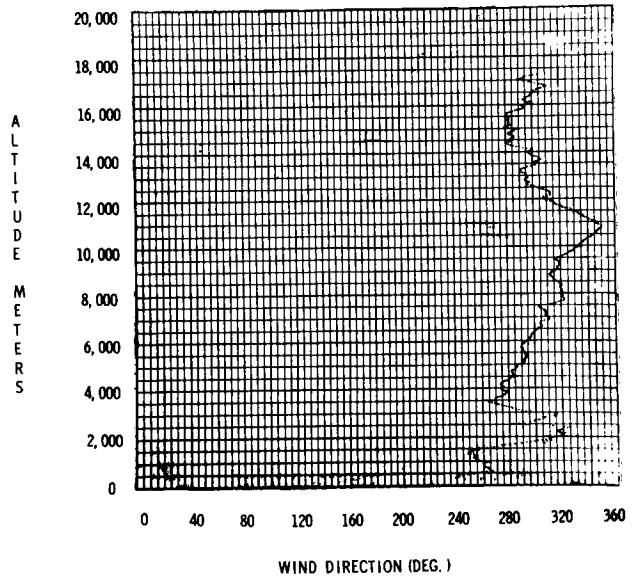
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



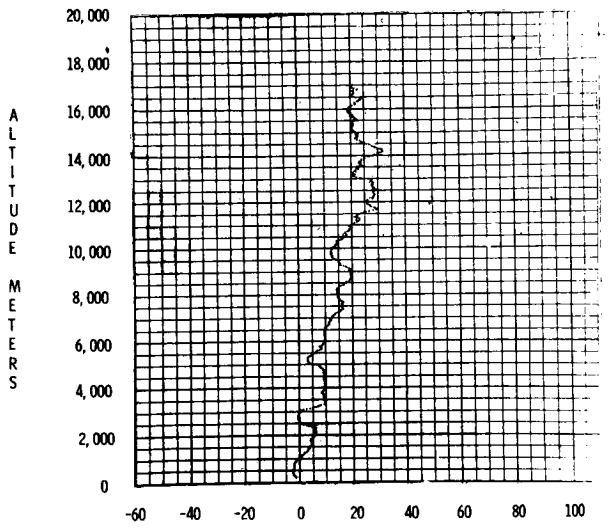
WIND DIRECTION PROFILE



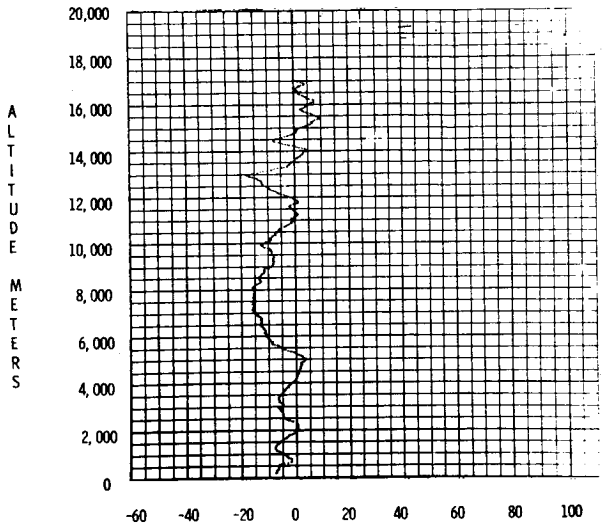
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FIGURE 3

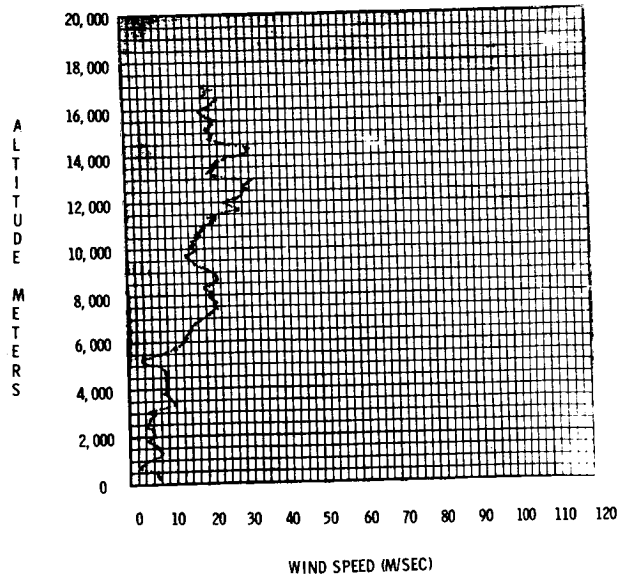
ZONAL WIND SPEED PROFILE



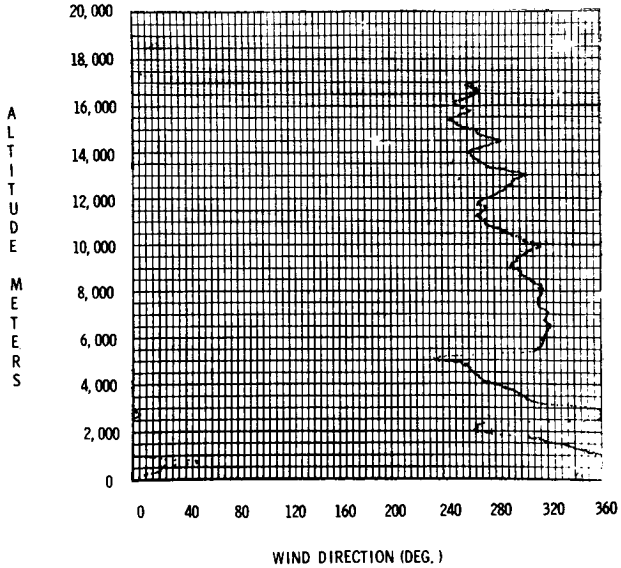
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



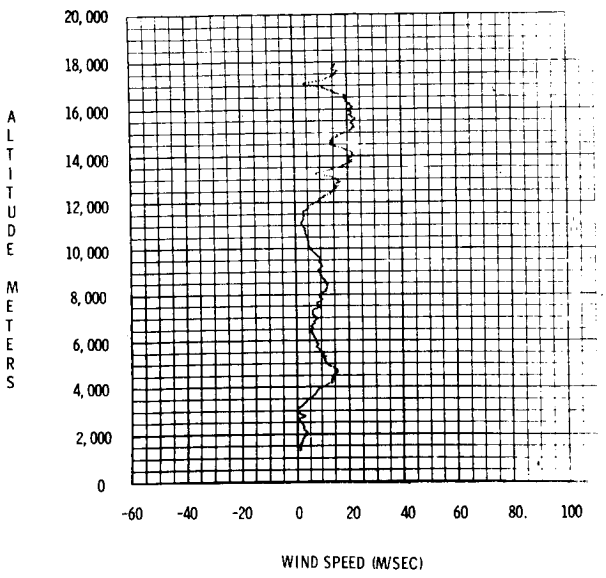
WIND DIRECTION PROFILE



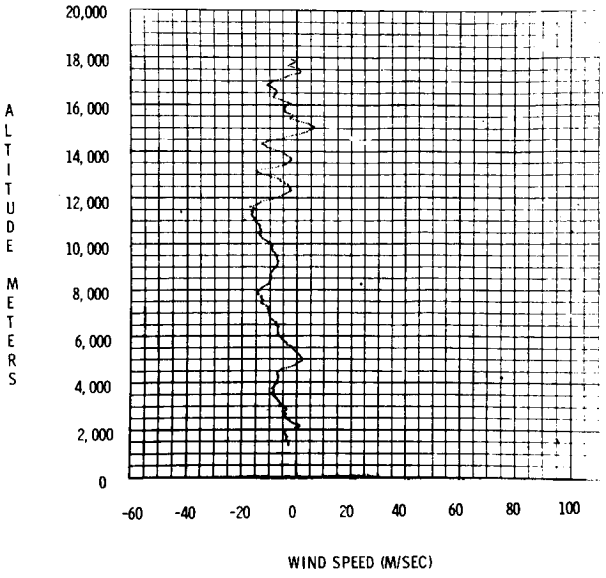
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 8959 DECEMBER 28, 1964 1316Z ETR

FIGURE 4

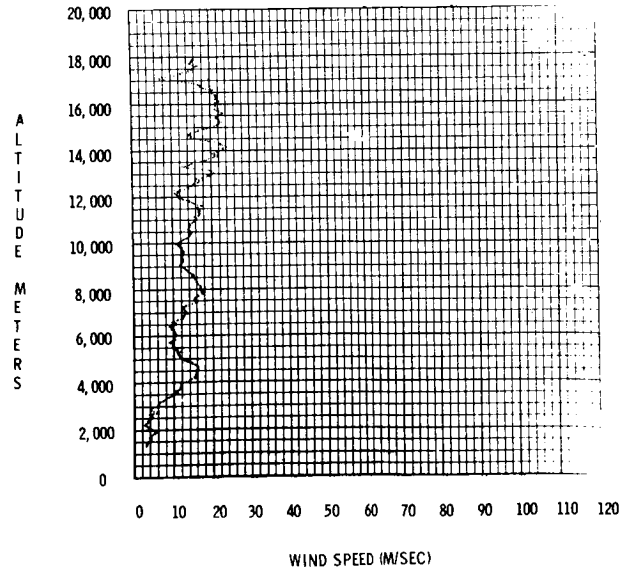
ZONAL WIND SPEED PROFILE



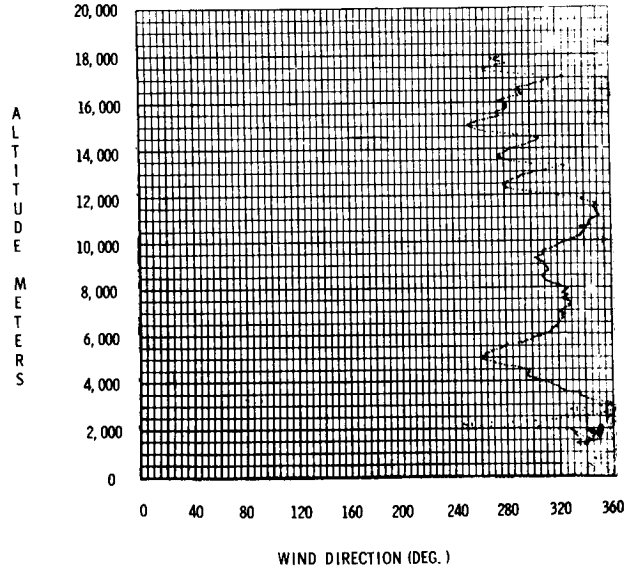
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



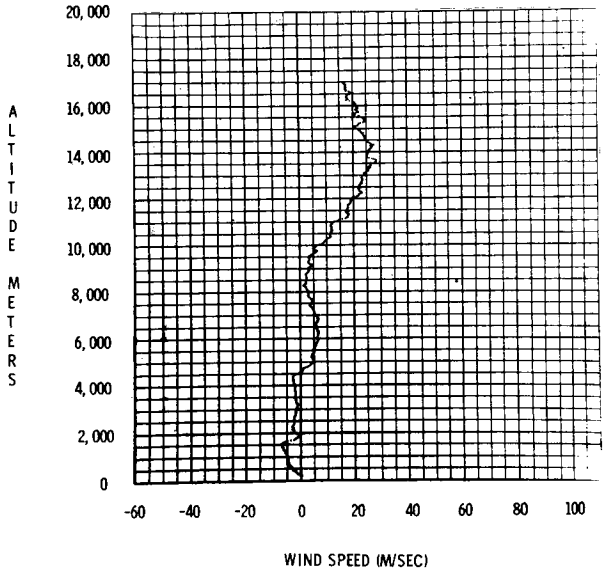
WIND DIRECTION PROFILE



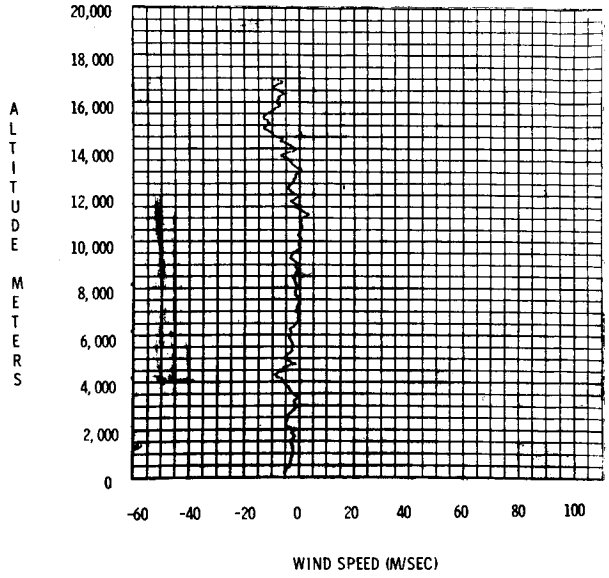
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 8960 DECEMBER 29, 1964 0104Z ETR

FIGURE 5

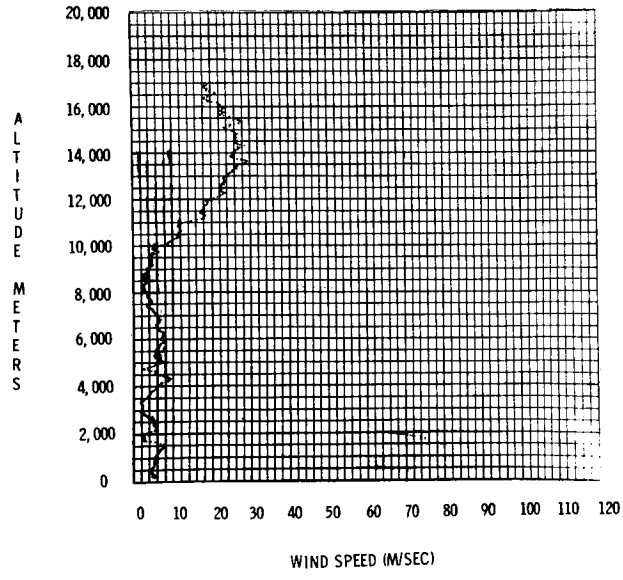
ZONAL WIND SPEED PROFILE



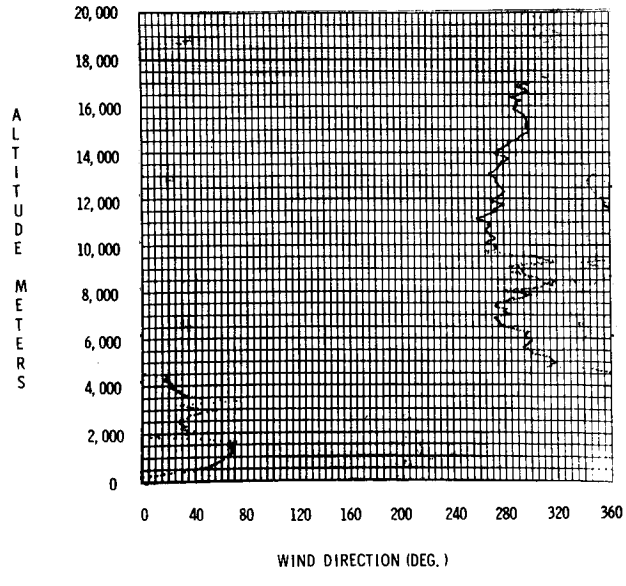
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



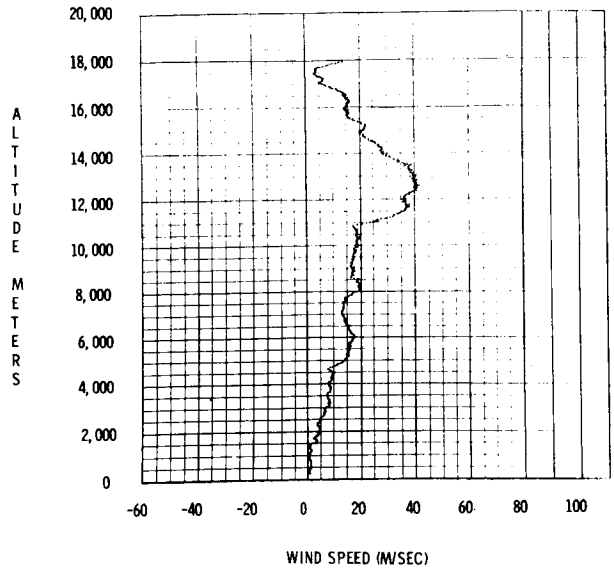
WIND DIRECTION PROFILE



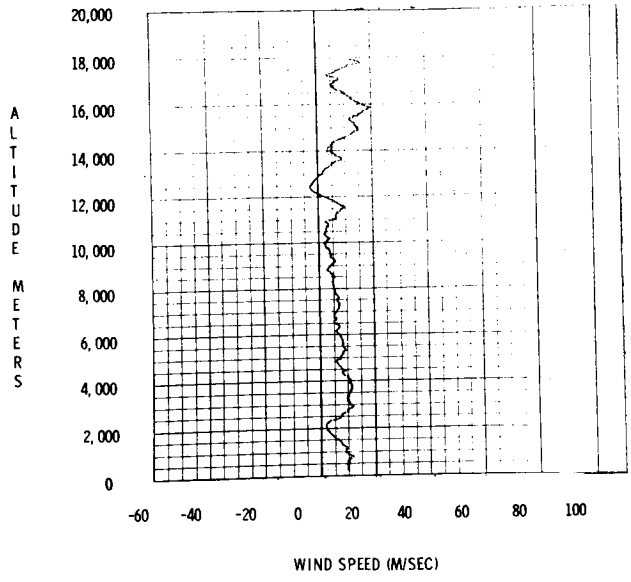
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 8963 DECEMBER 31, 1964 1310Z ETR

FIGURE 6

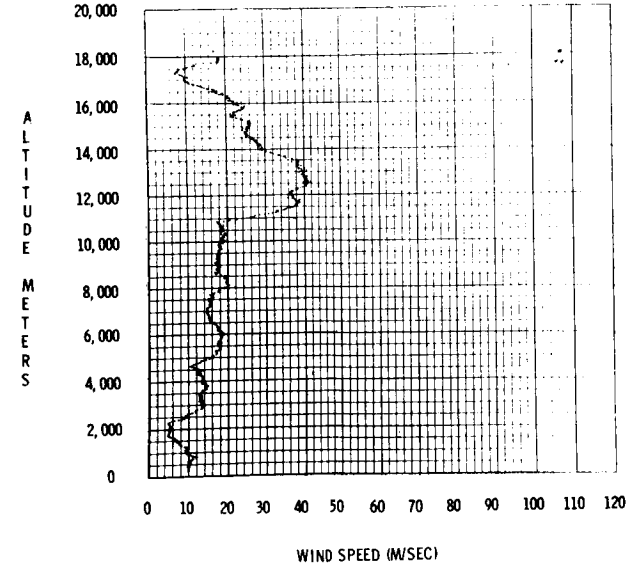
ZONAL WIND SPEED PROFILE



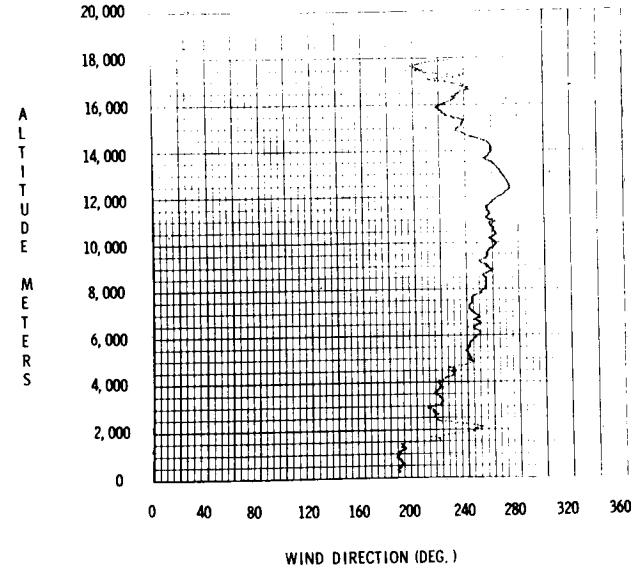
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



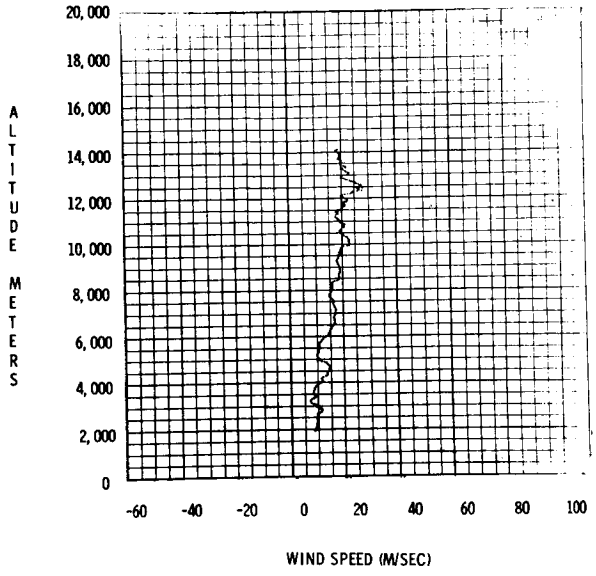
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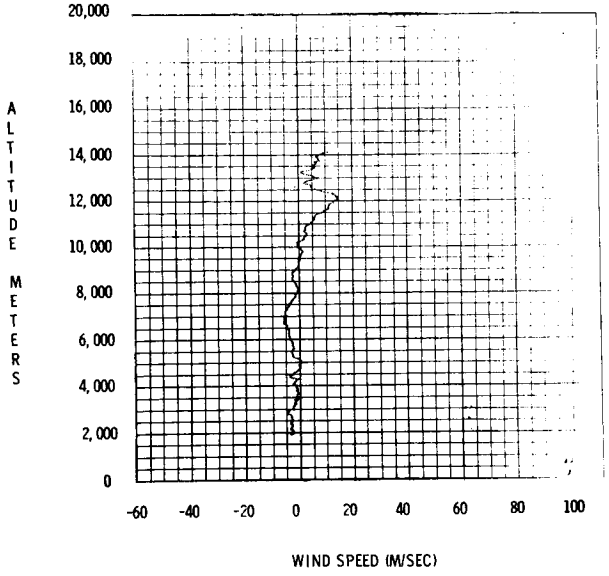
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 0866 JANUARY 12, 1965 1300Z ETR

FIGURE 7

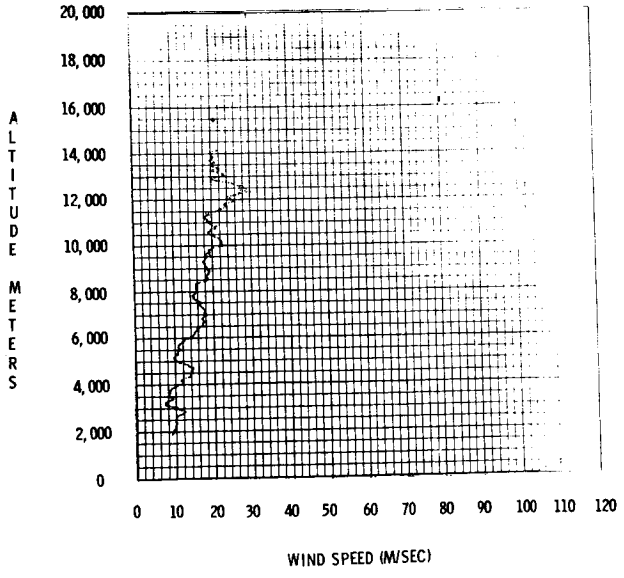
ZONAL WIND SPEED PROFILE



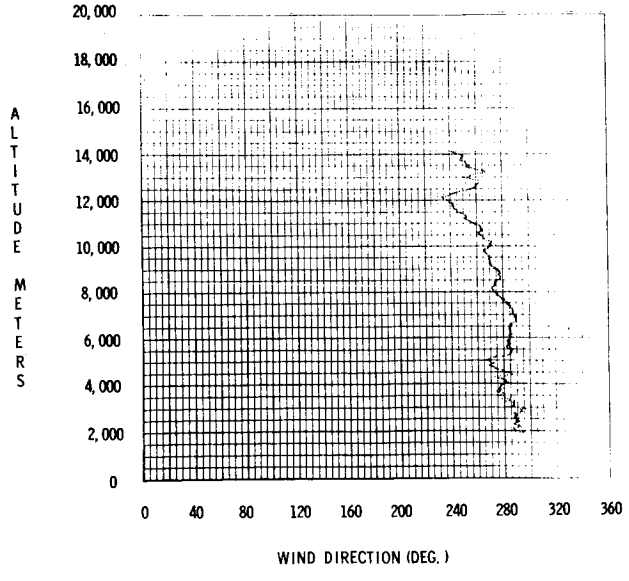
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



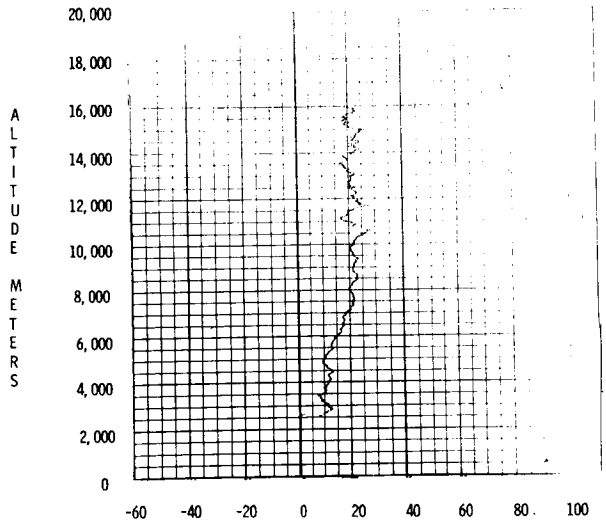
WIND DIRECTION PROFILE



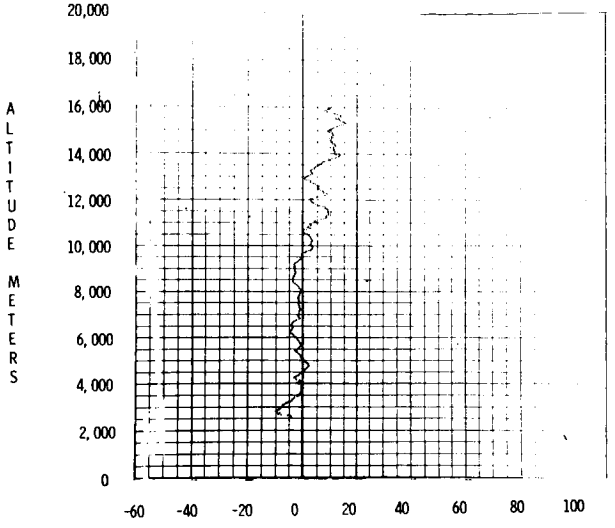
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 163-3 JANUARY 13, 1965 1826Z ETR

FIGURE 8

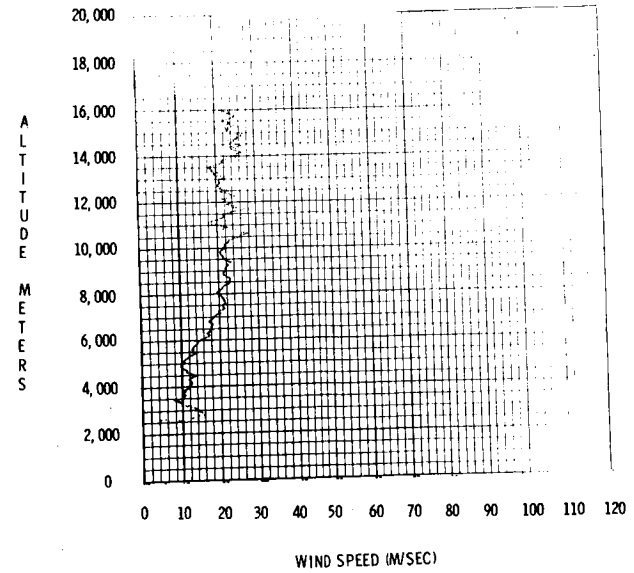
ZONAL WIND SPEED PROFILE



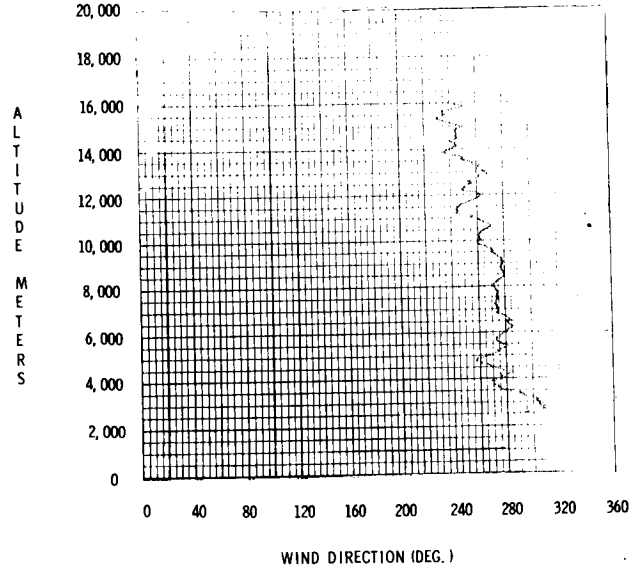
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



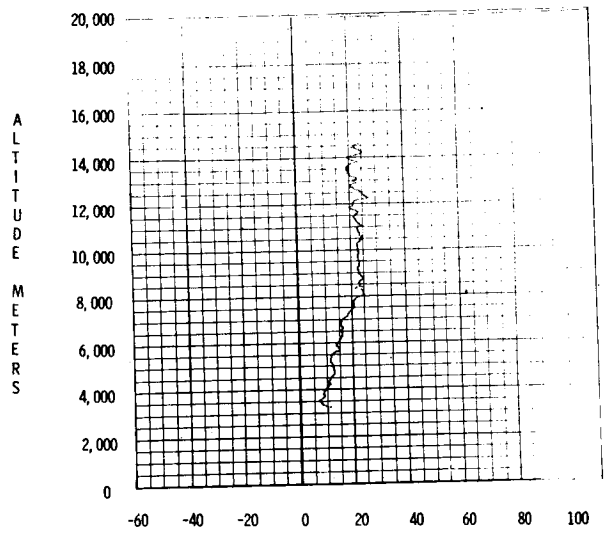
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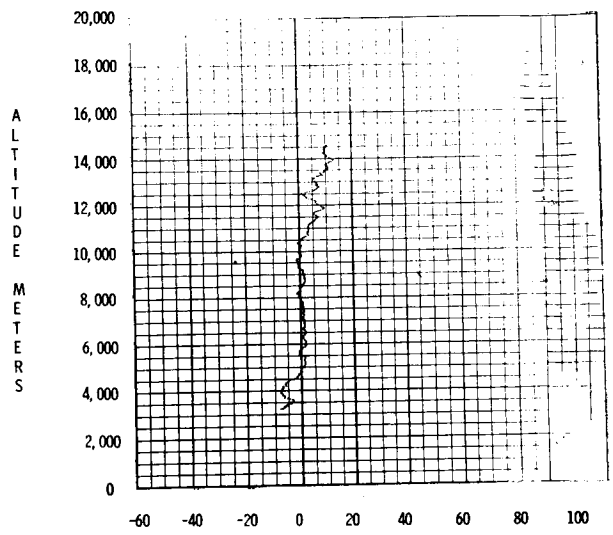
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 163-6 JANUARY 13, 1965 2137Z ETR

FIGURE 9

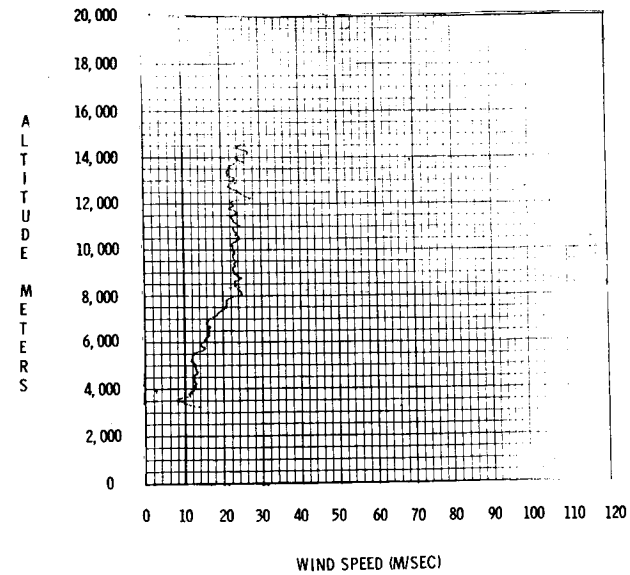
ZONAL WIND SPEED PROFILE



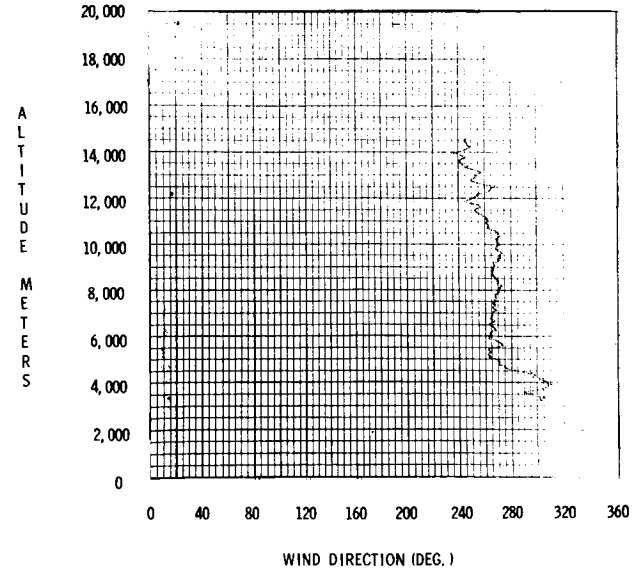
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



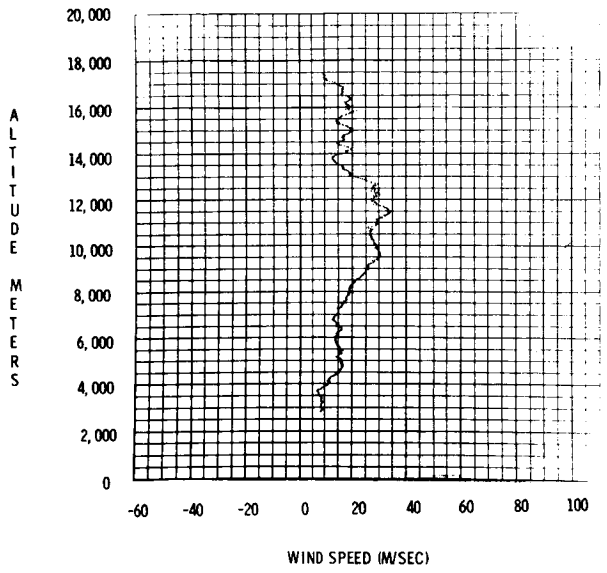
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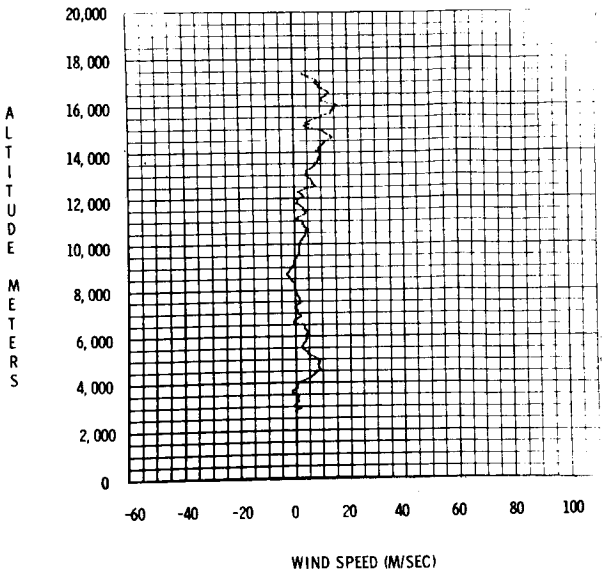
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 163-9 JANUARY 14, 1965 0040Z ETR

FIGURE 10

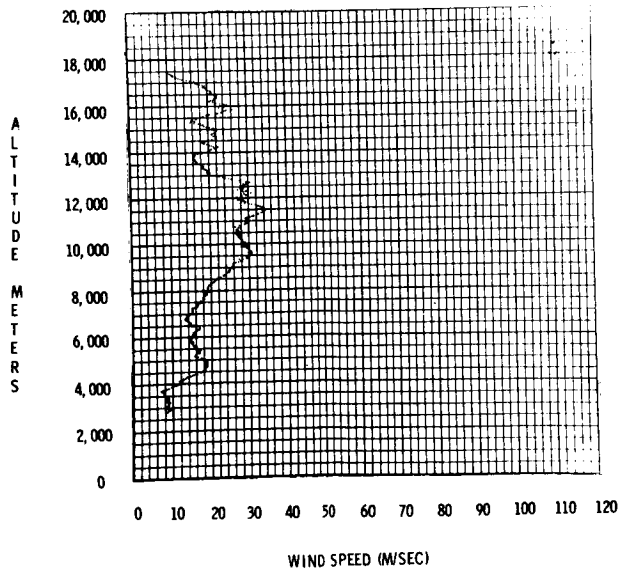
ZONAL WIND SPEED PROFILE



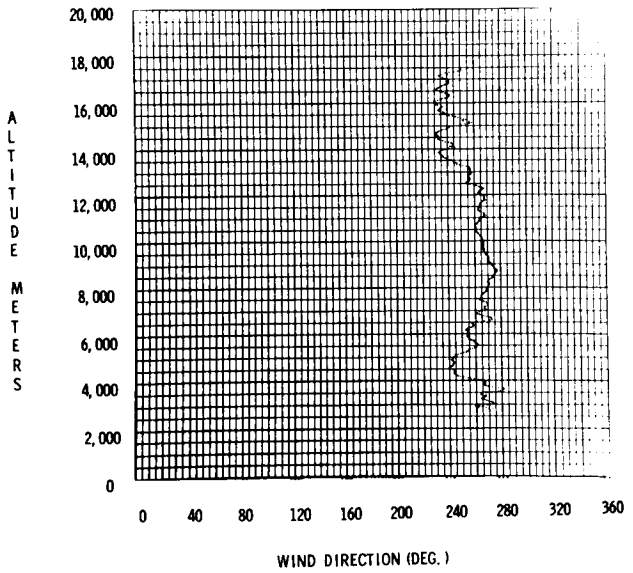
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



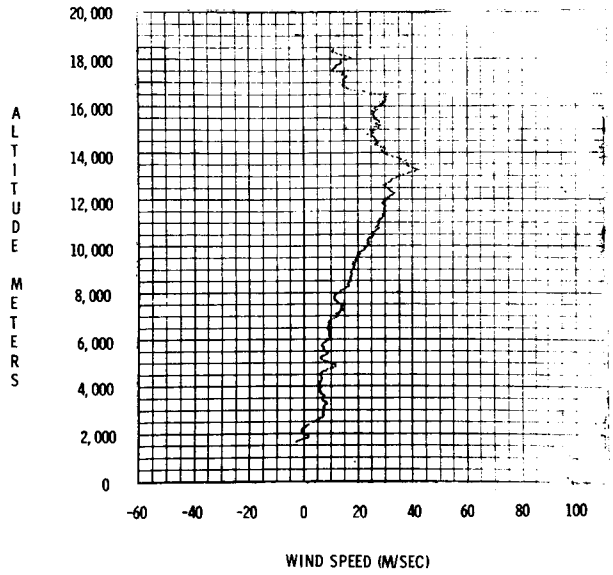
WIND DIRECTION PROFILE



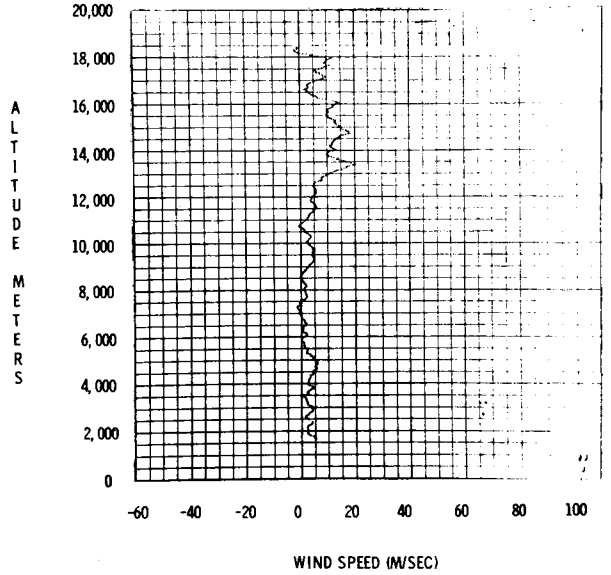
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 0360 JANUARY 22, 1965 0106Z ETR

FIGURE 11

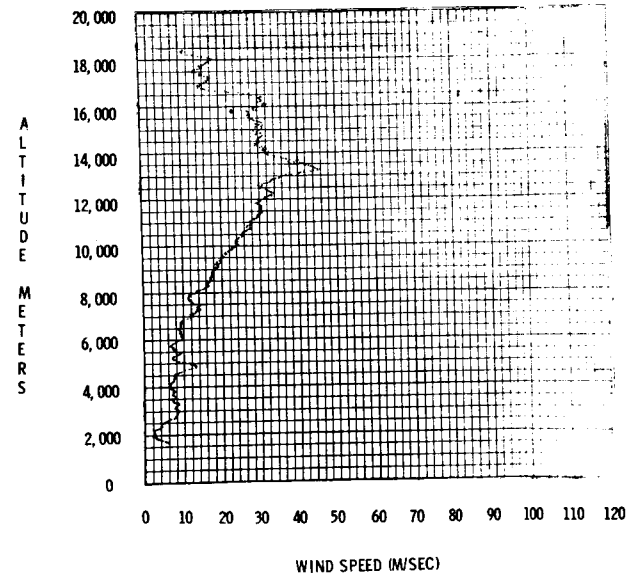
ZONAL WIND SPEED PROFILE



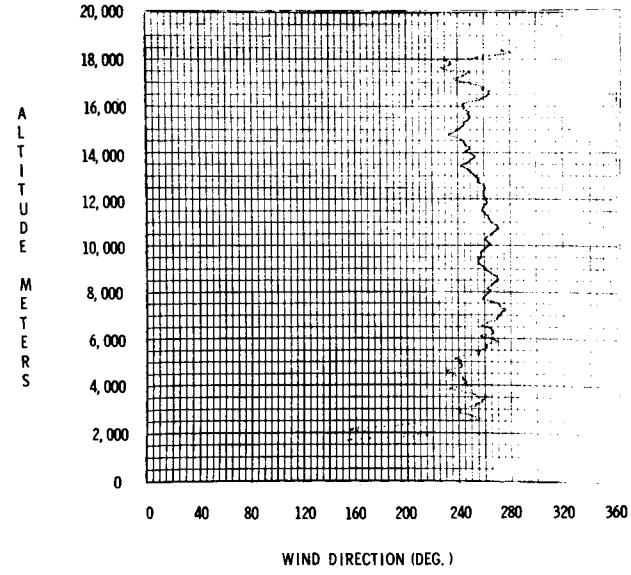
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



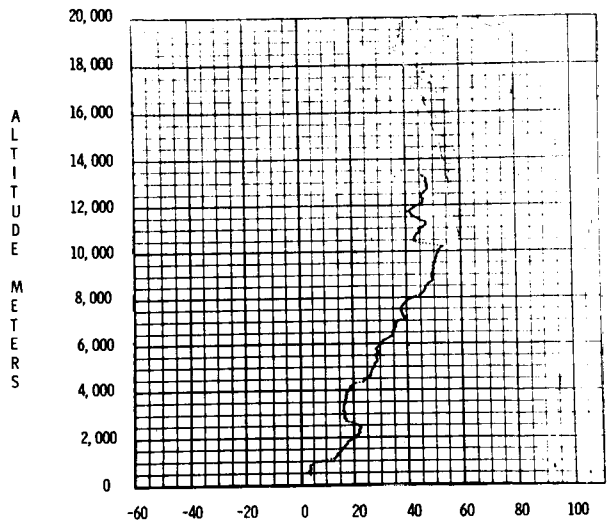
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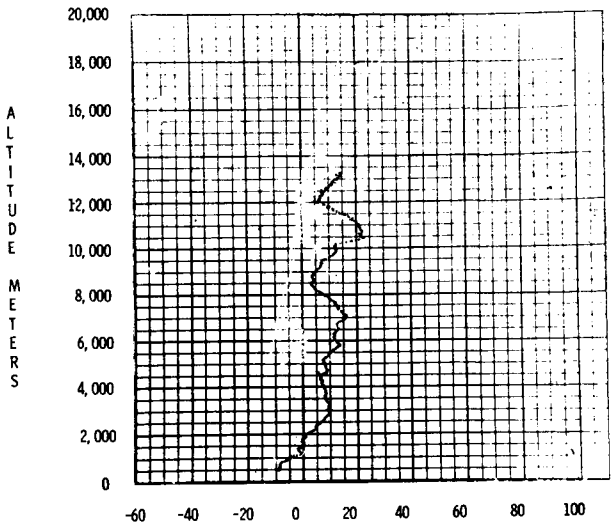
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 0356 JANUARY 22, 1965 1929Z ETR

FIGURE 12

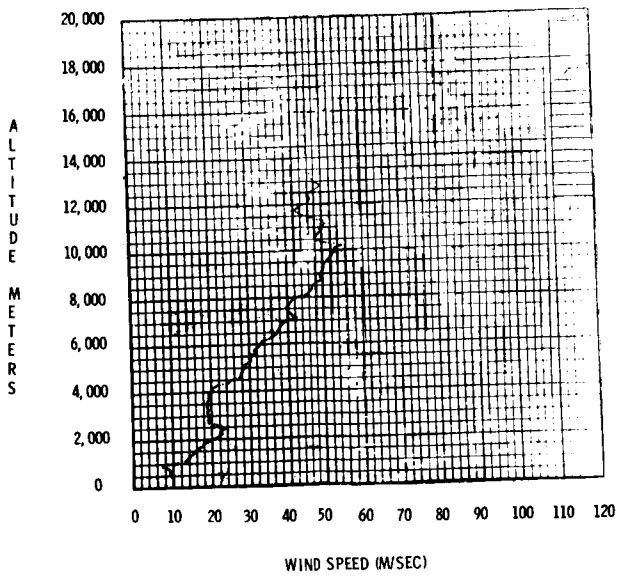
ZONAL WIND SPEED PROFILE



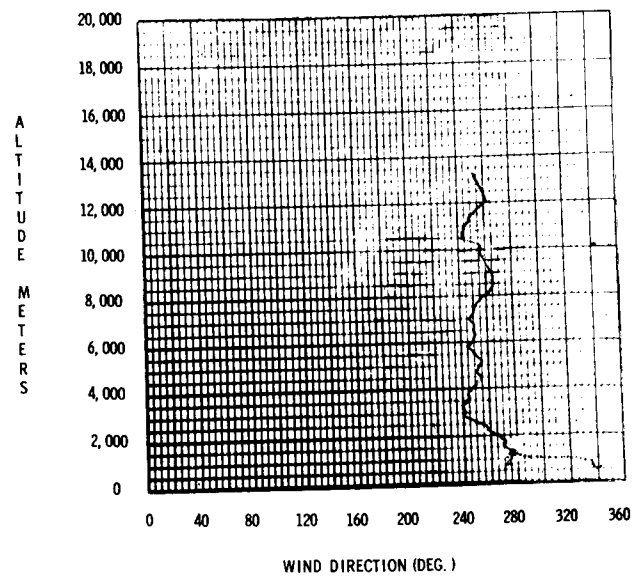
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



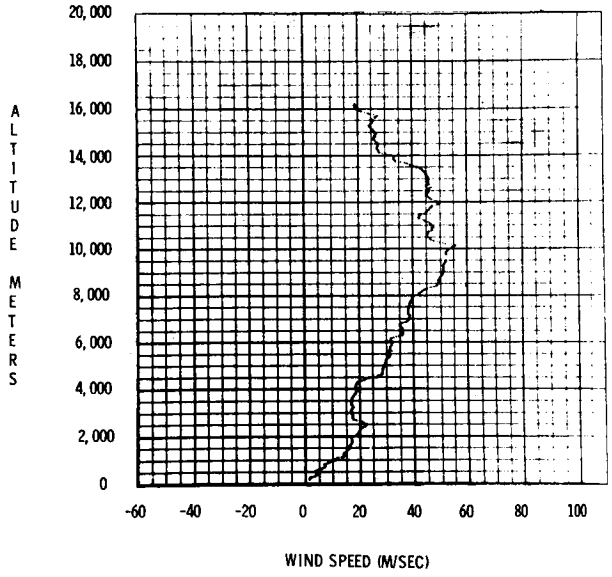
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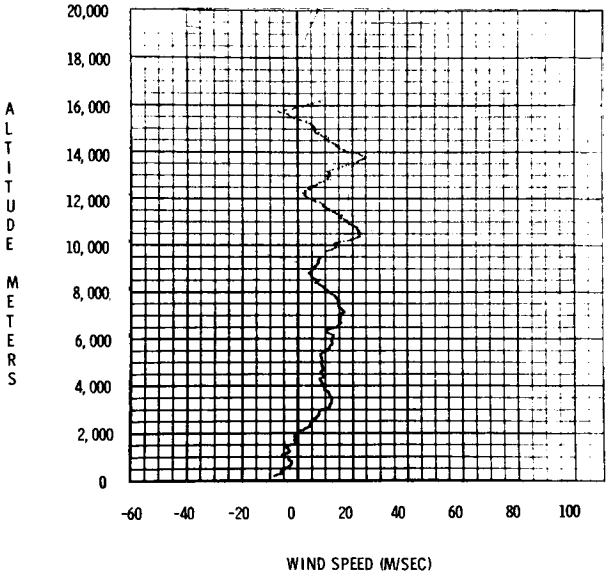
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 516-3 JANUARY 27, 1965 1714Z ETR

FIGURE 13

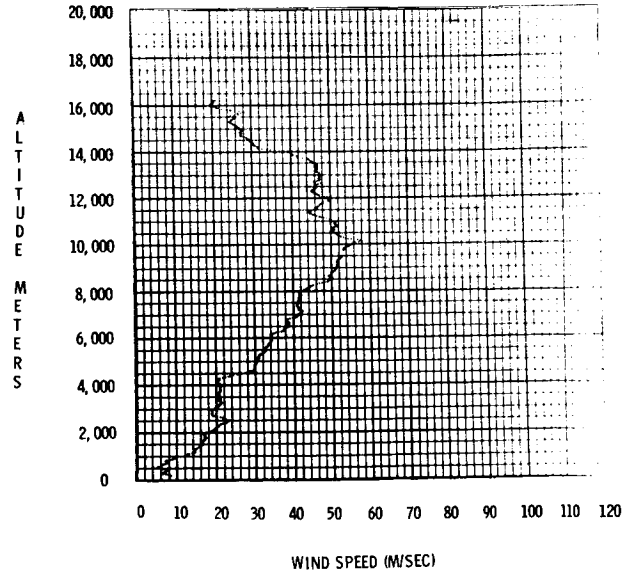
ZONAL WIND SPEED PROFILE



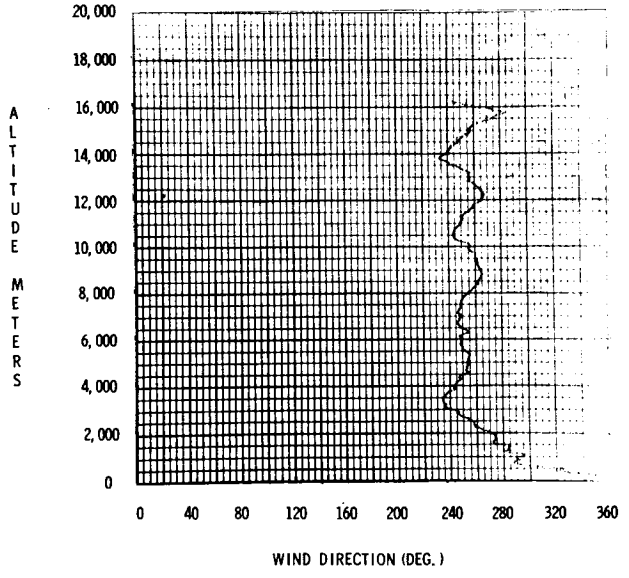
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



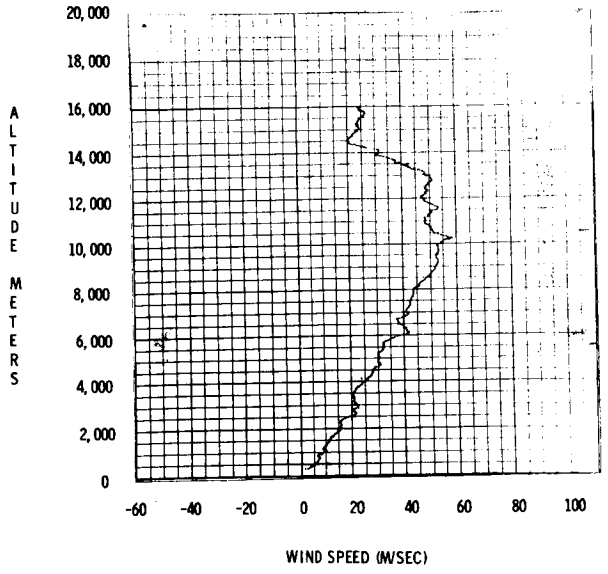
WIND DIRECTION PROFILE



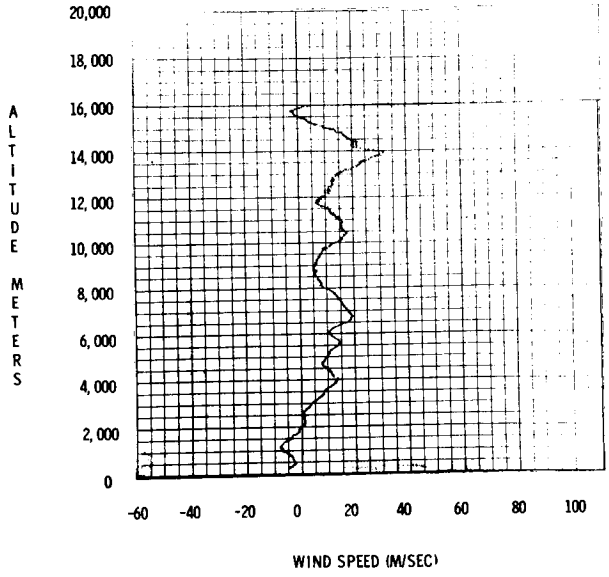
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 516-4 JANUARY 27, 1965 1830Z ETR

FIGURE 14

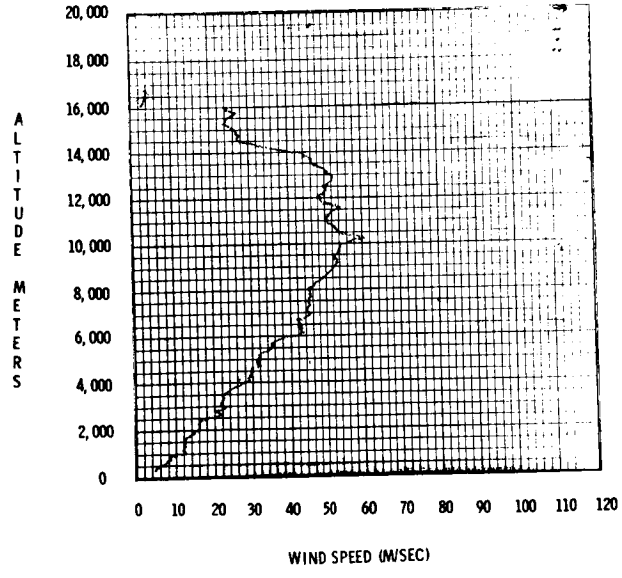
ZONAL WIND SPEED PROFILE



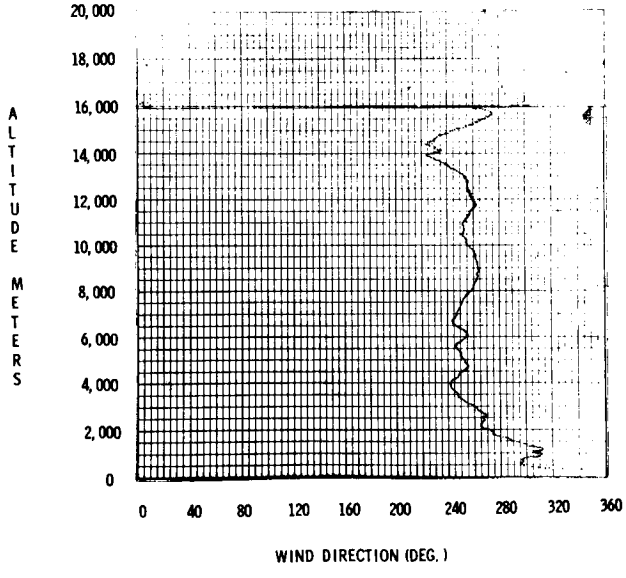
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



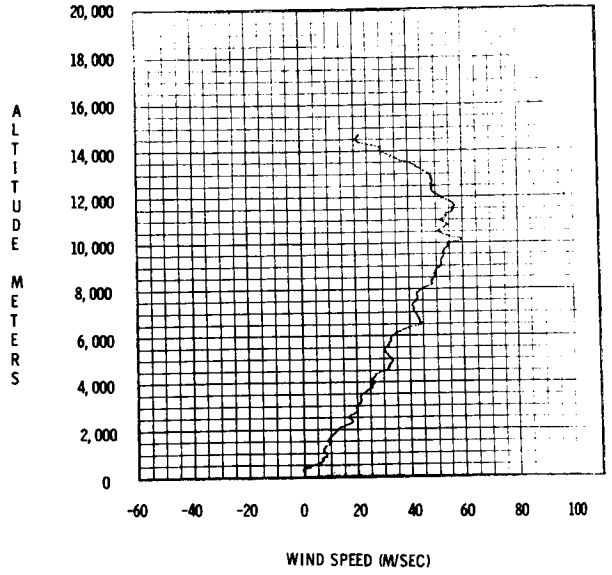
WIND DIRECTION PROFILE



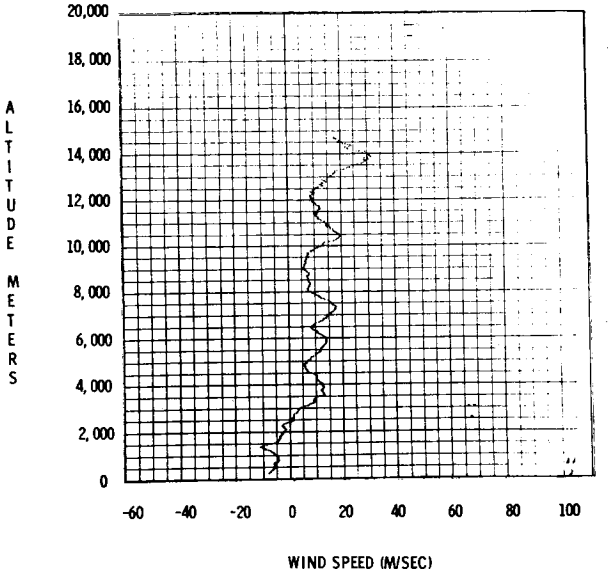
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 516-6 JANUARY 27, 1965 2129Z ETR

FIGURE 15

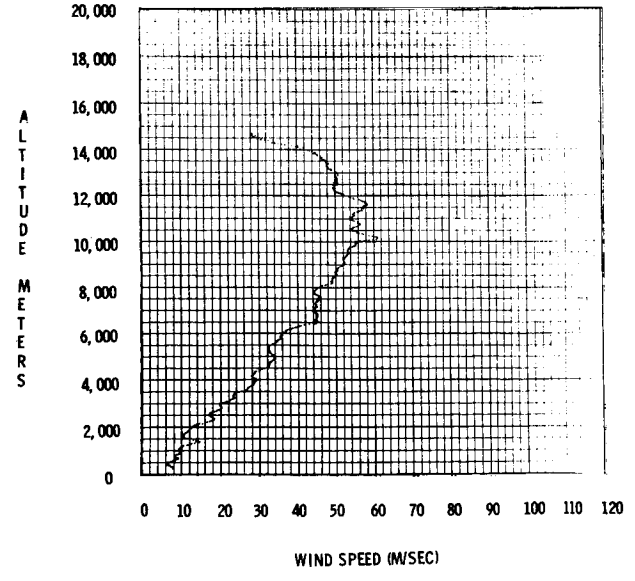
ZONAL WIND SPEED PROFILE



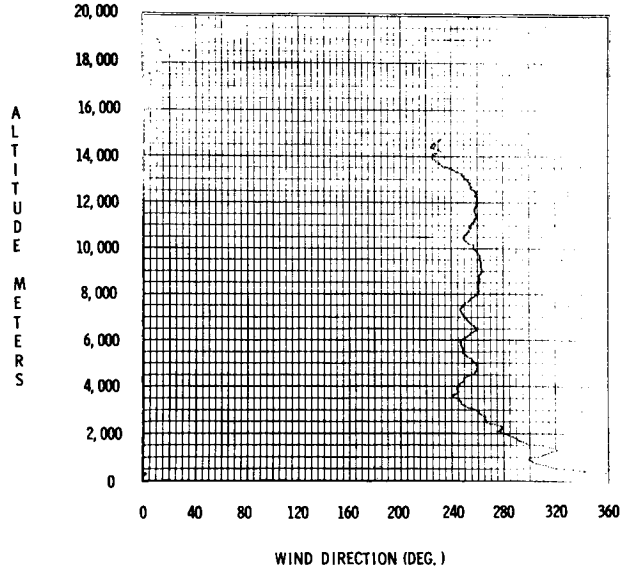
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



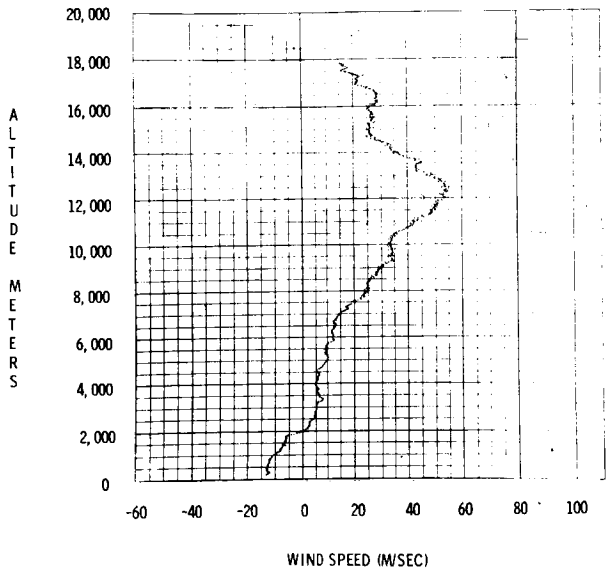
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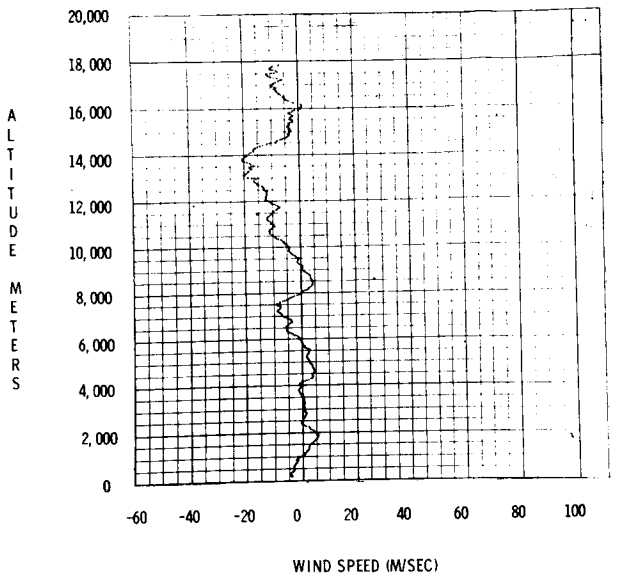
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 516-7 JANUARY 27, 1965 2230Z ETR

FIGURE 16

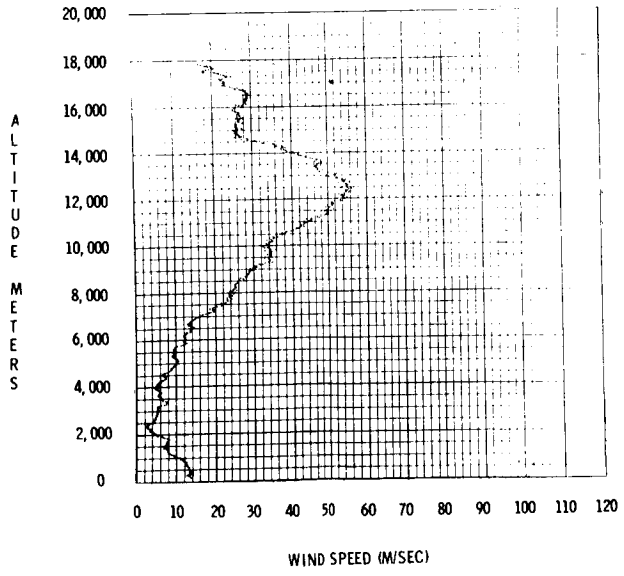
ZONAL WIND SPEED PROFILE



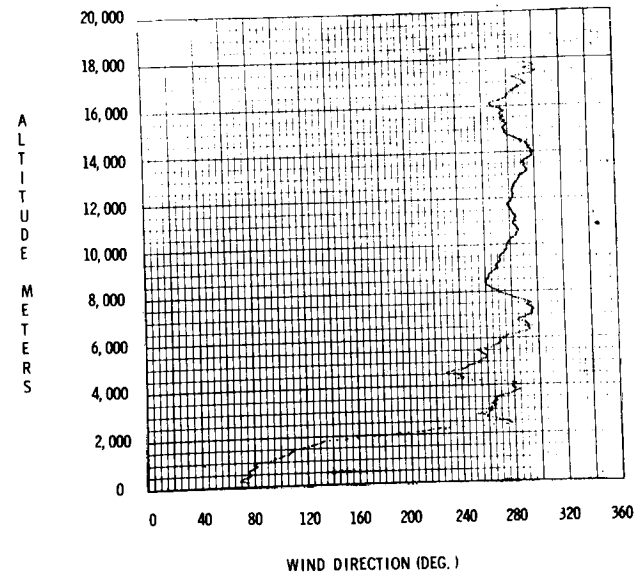
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



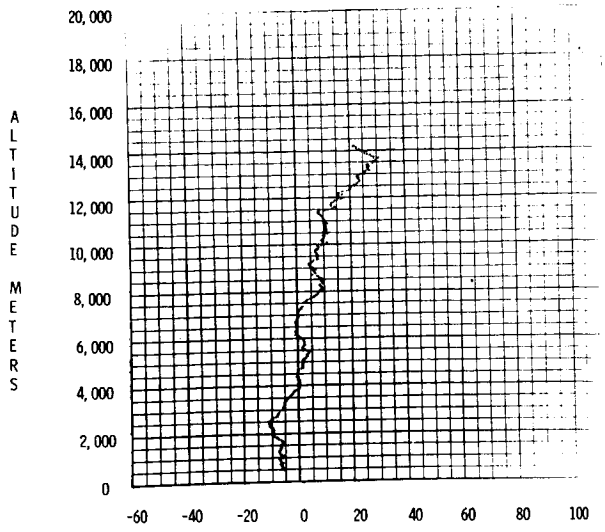
WIND DIRECTION PROFILE



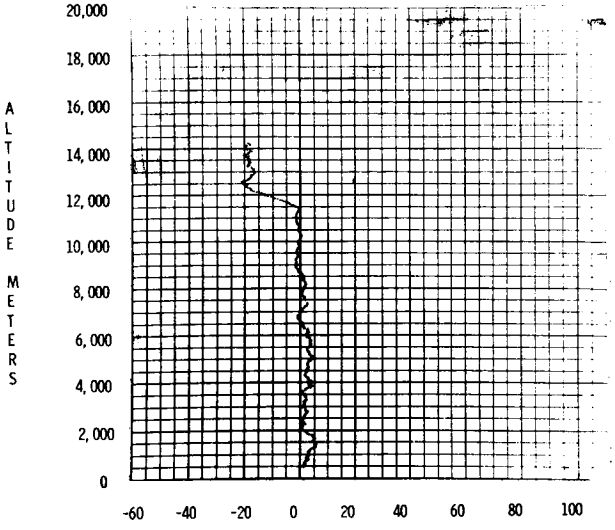
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 0734 FEBRUARY 5, 1965 1308Z ETR

FIGURE 17

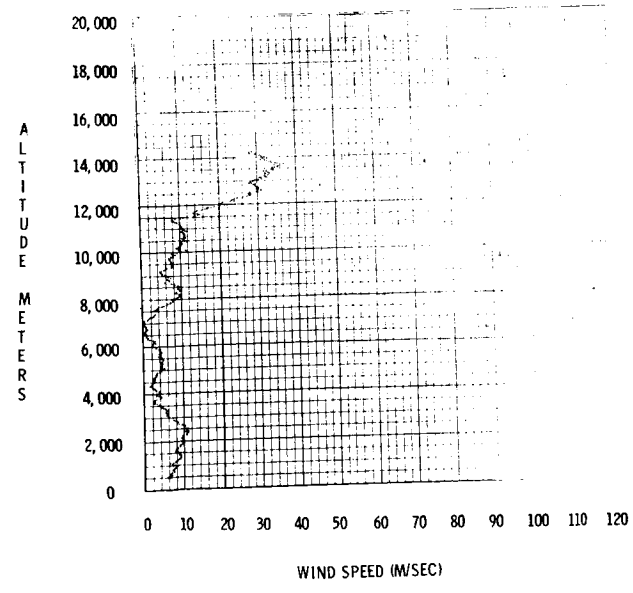
ZONAL WIND SPEED PROFILE



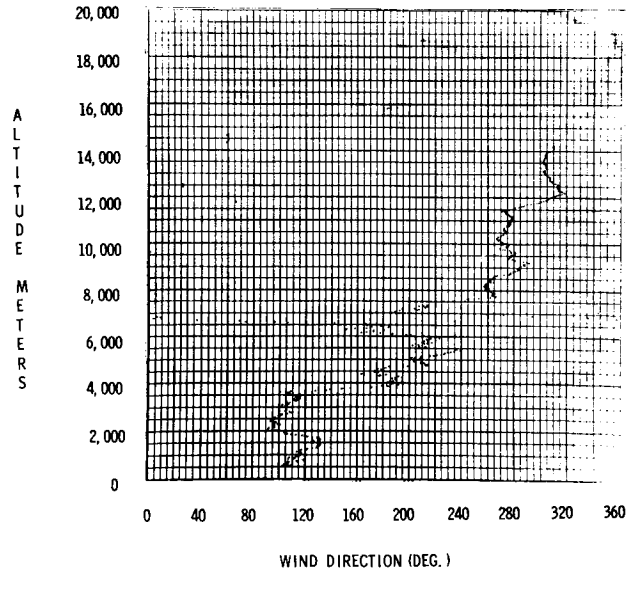
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



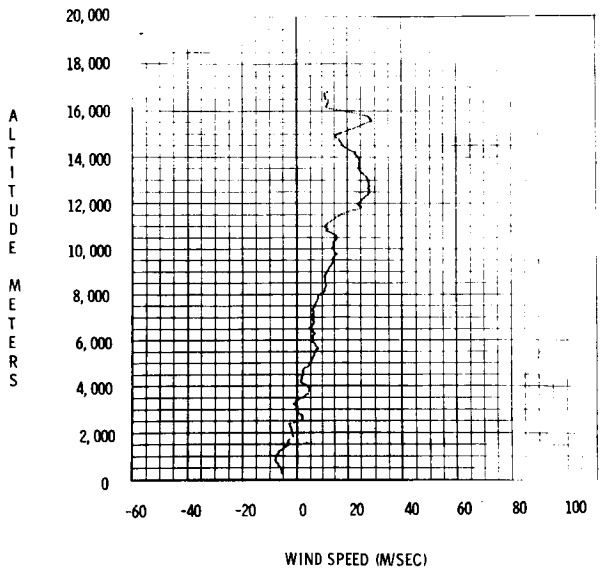
WIND DIRECTION PROFILE



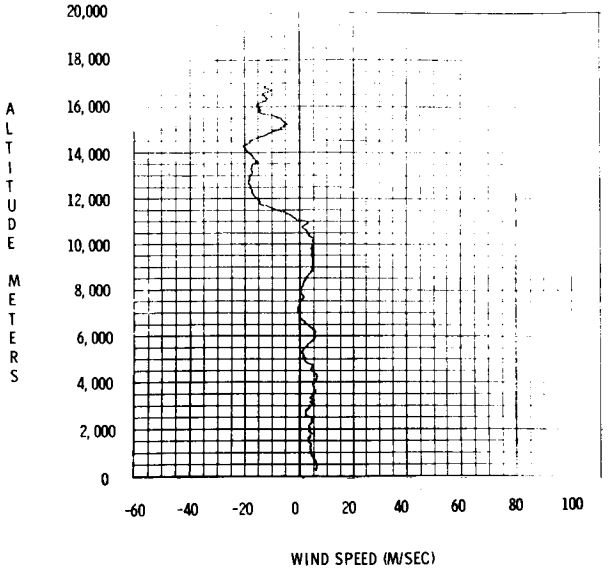
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 0869 FEBRUARY 10, 1965 0100Z ETR

FIGURE 18

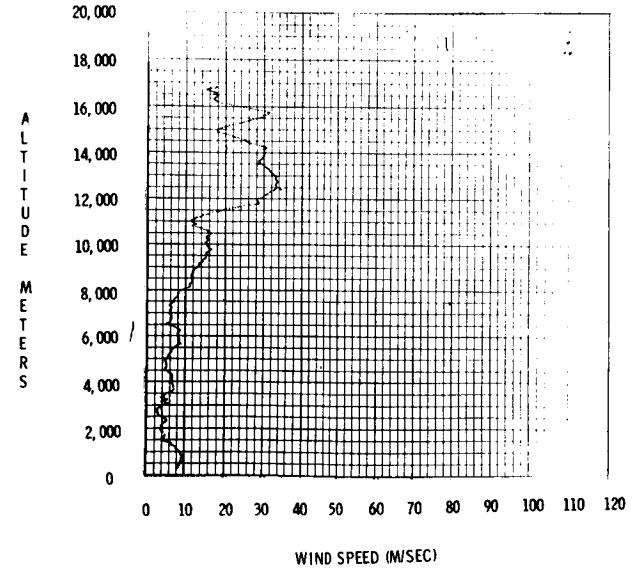
ZONAL WIND SPEED PROFILE



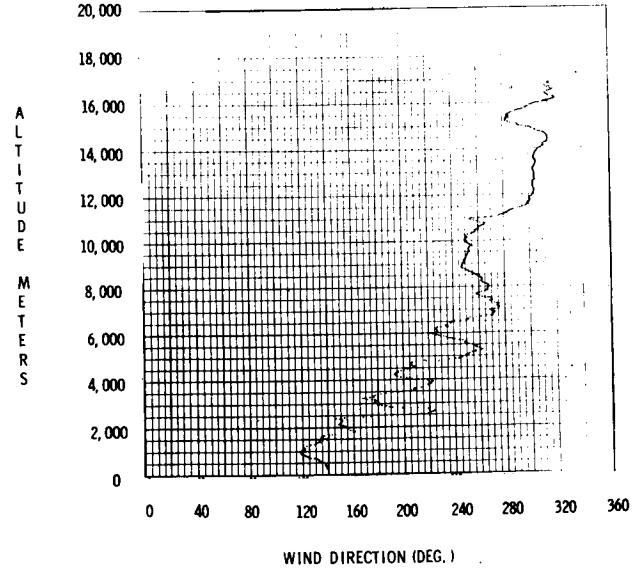
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



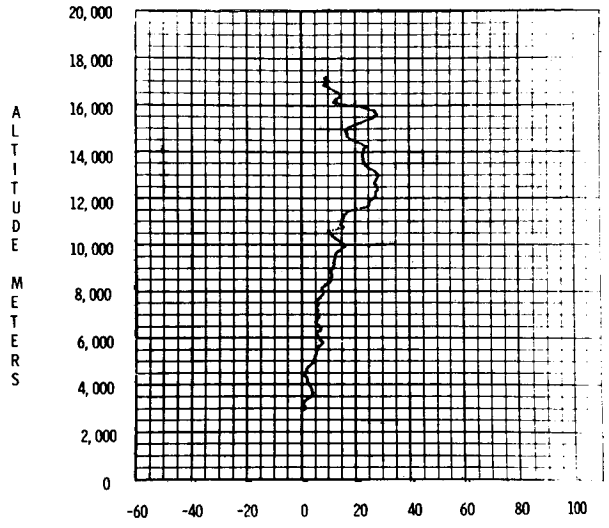
WIND DIRECTION PROFILE



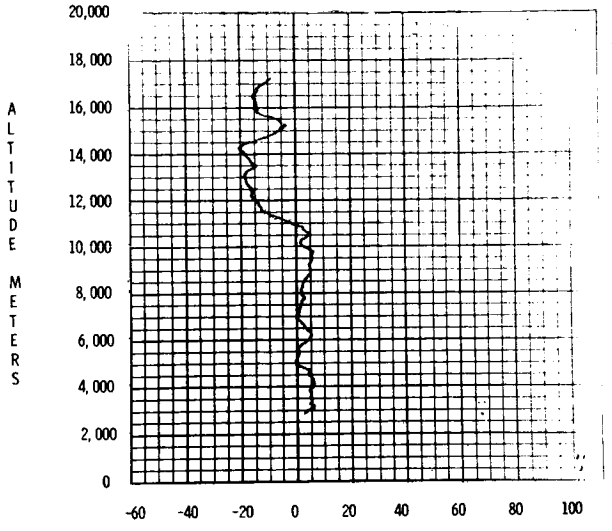
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-1 FEBRUARY 10, 1965 1305Z ETR

FIGURE 19

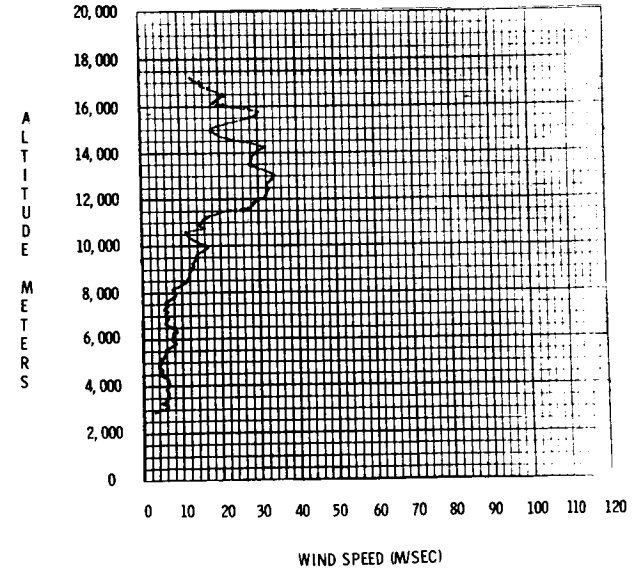
ZONAL WIND SPEED PROFILE



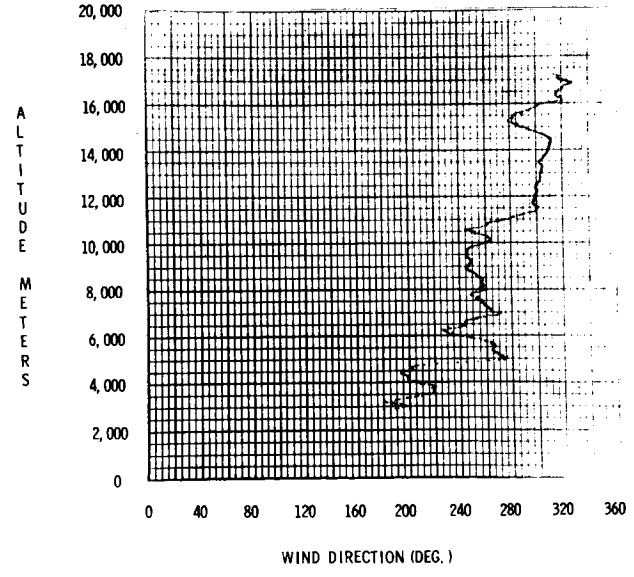
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



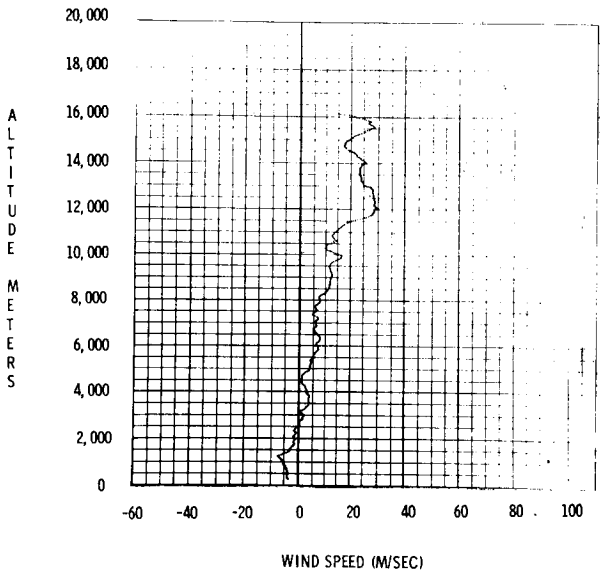
WIND DIRECTION PROFILE



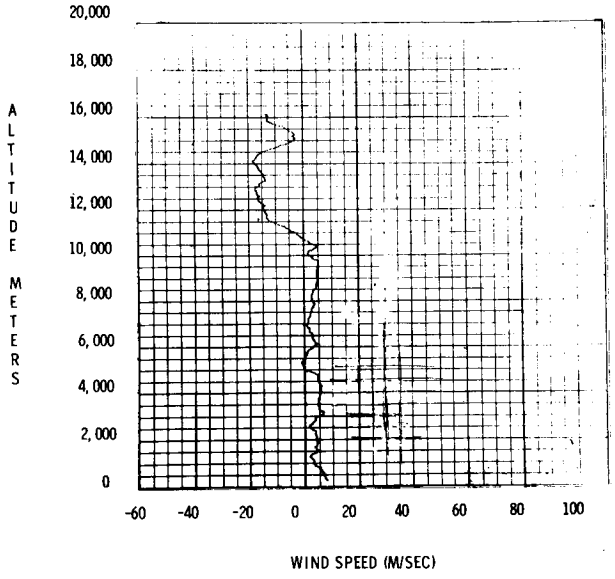
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-2 FEBRUARY 10, 1965 1428Z ETR

FIGURE 20

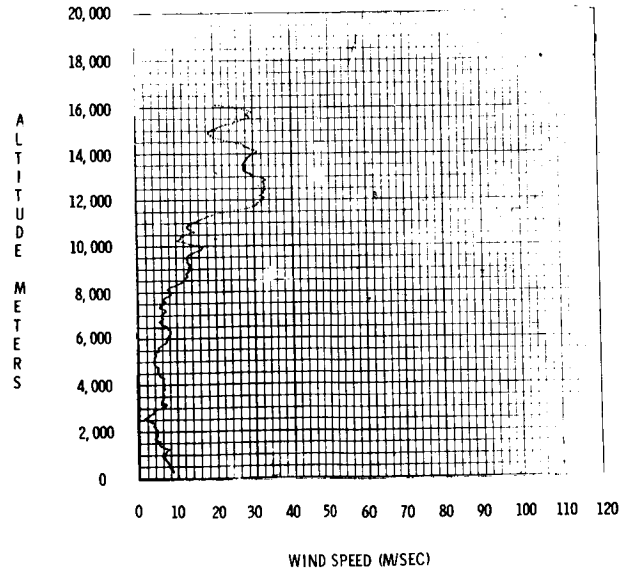
ZONAL WIND SPEED PROFILE



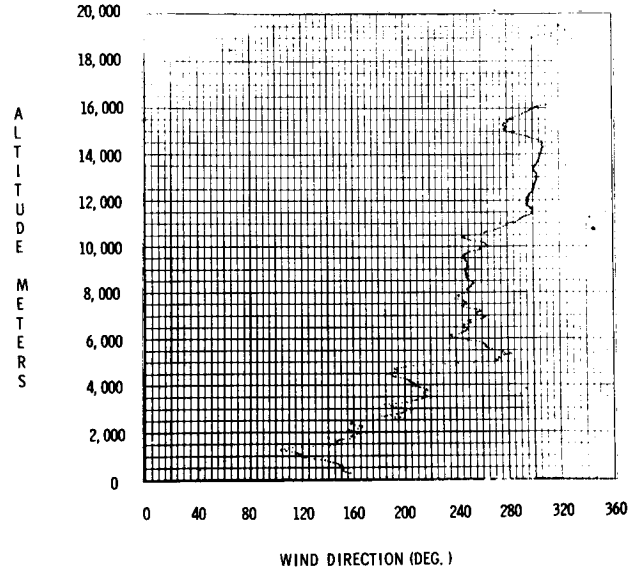
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



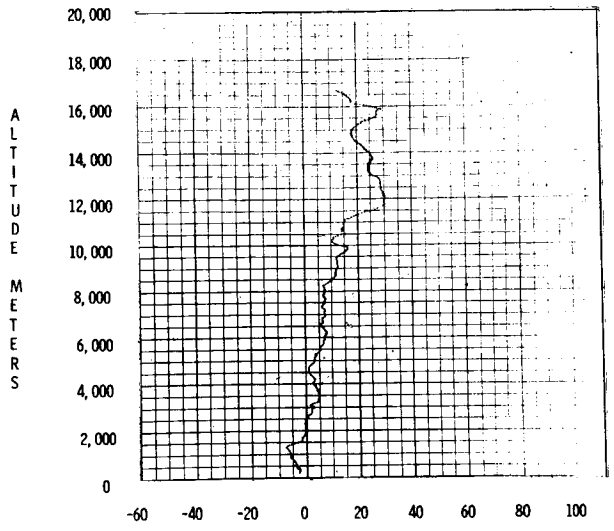
WIND DIRECTION PROFILE



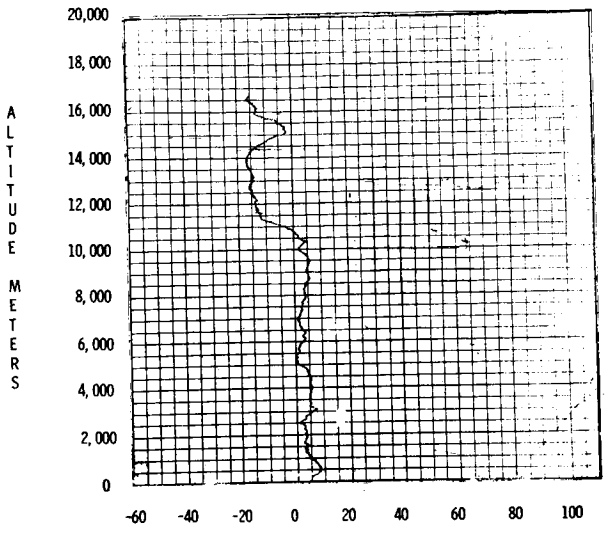
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-3 FEBRUARY 10, 1965 1530Z ETR

FIGURE 21

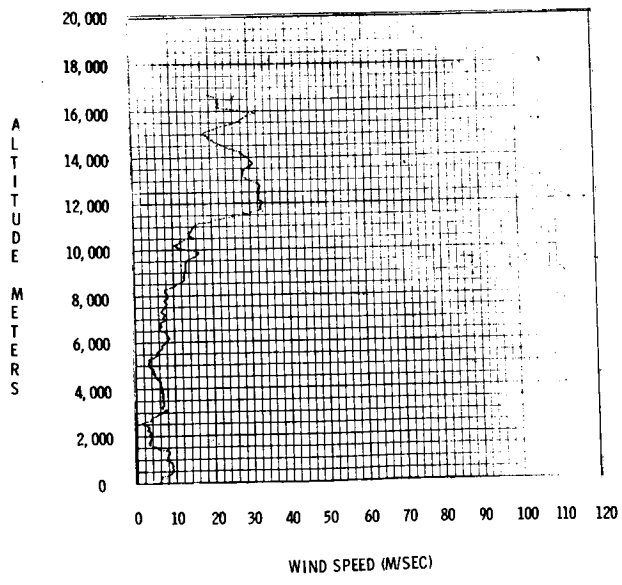
ZONAL WIND SPEED PROFILE



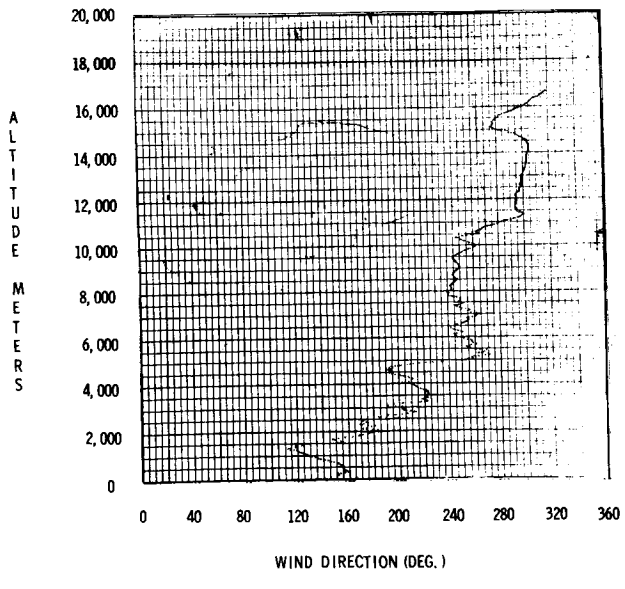
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



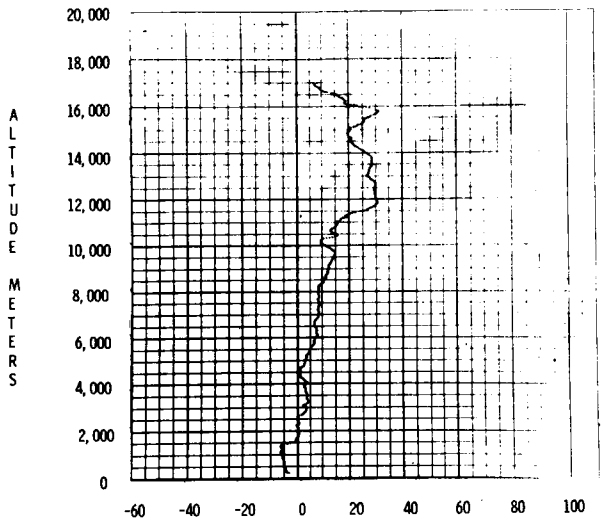
WIND DIRECTION PROFILE



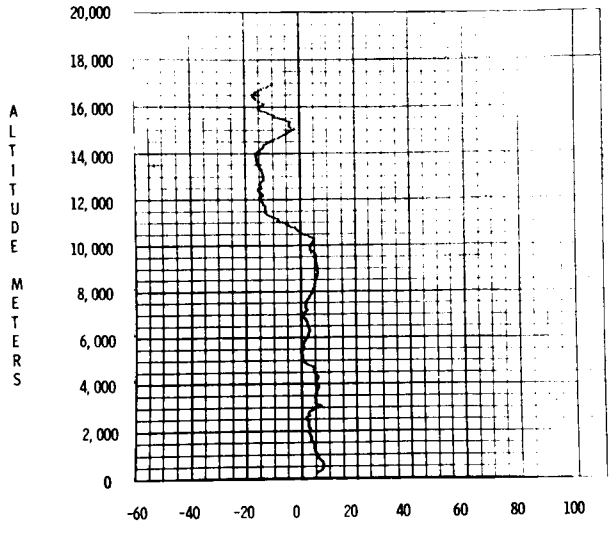
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-4 FEBRUARY 10, 1965 1645Z ETR

FIGURE 22

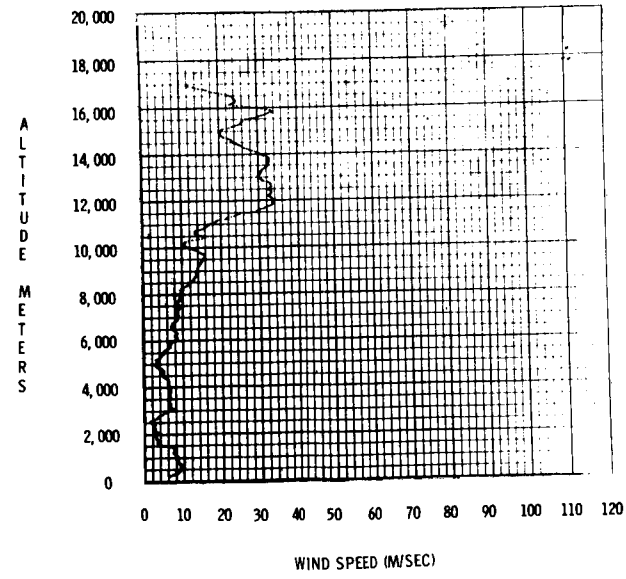
ZONAL WIND SPEED PROFILE



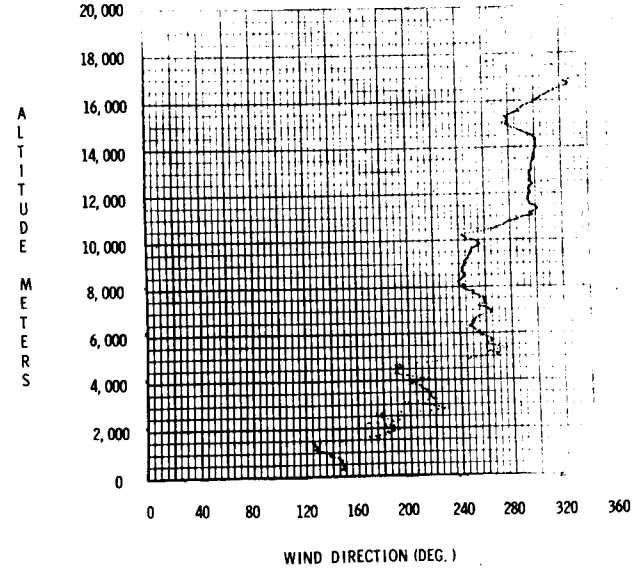
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



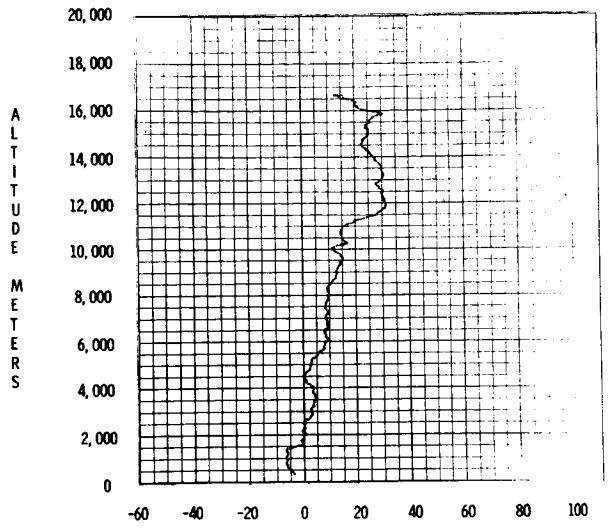
WIND DIRECTION PROFILE



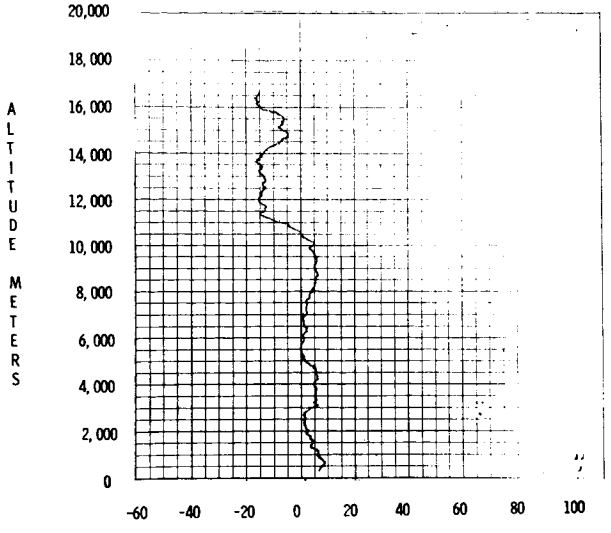
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-5 FEBRUARY 10, 1965 1802Z ETR

FIGURE 23

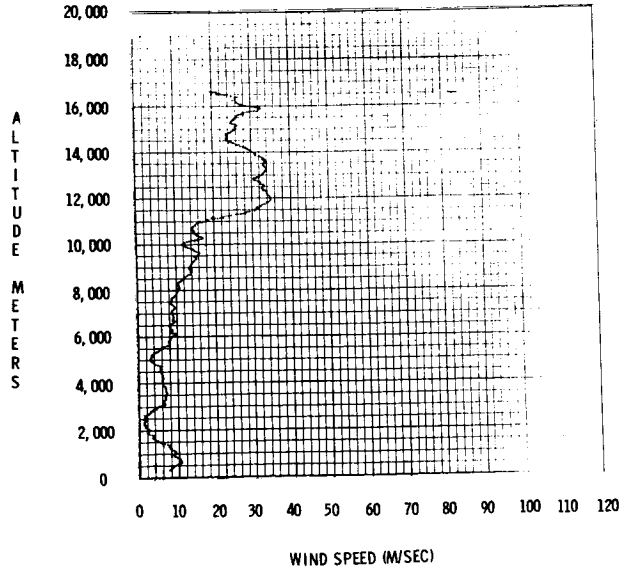
ZONAL WIND SPEED PROFILE



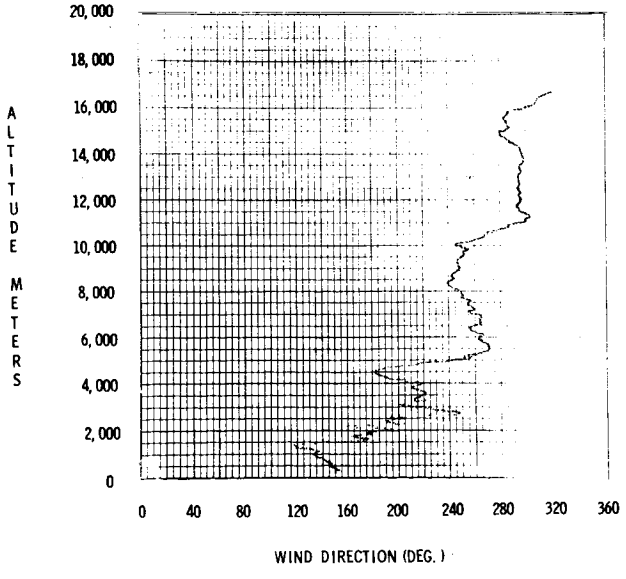
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



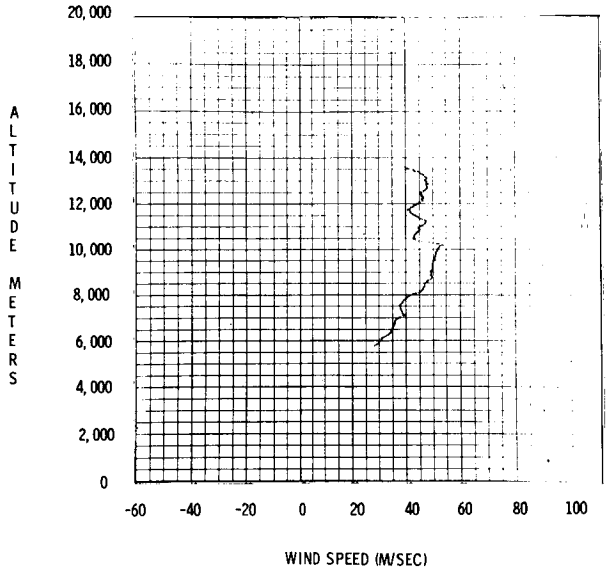
WIND DIRECTION PROFILE



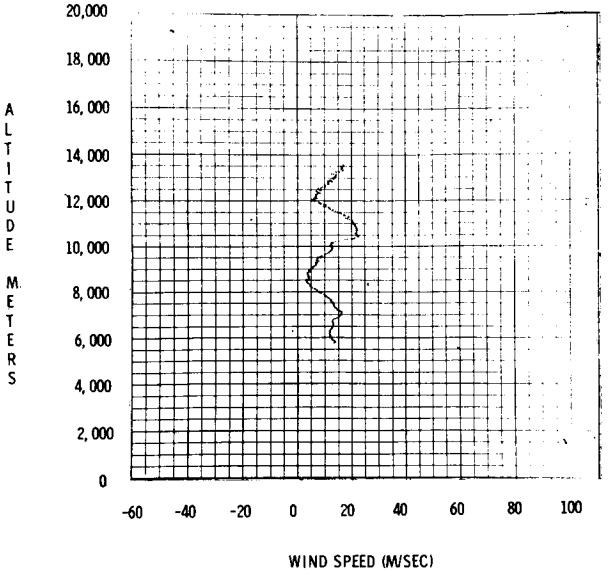
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-6 FEBRUARY 10, 1965 1915Z ETR

FIGURE 24

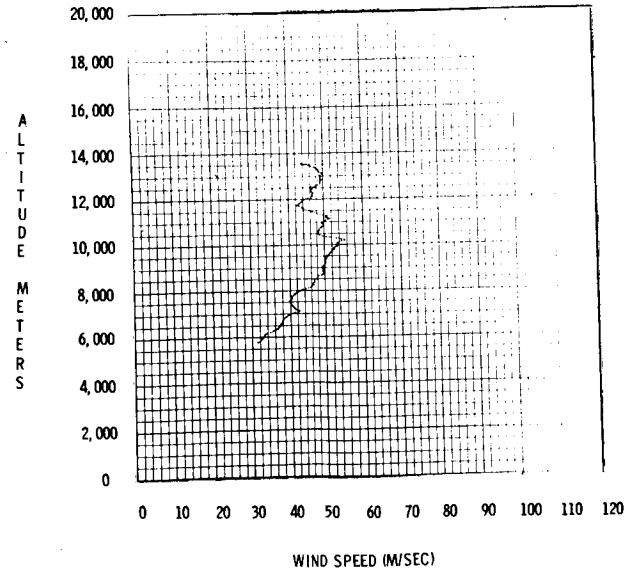
ZONAL WIND SPEED PROFILE



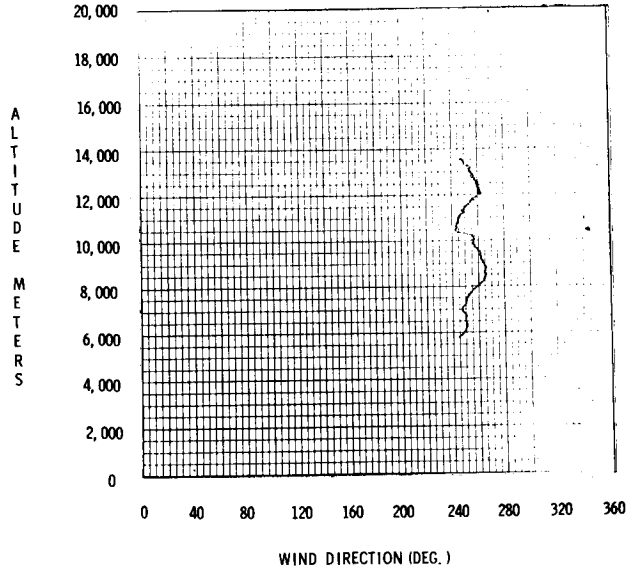
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



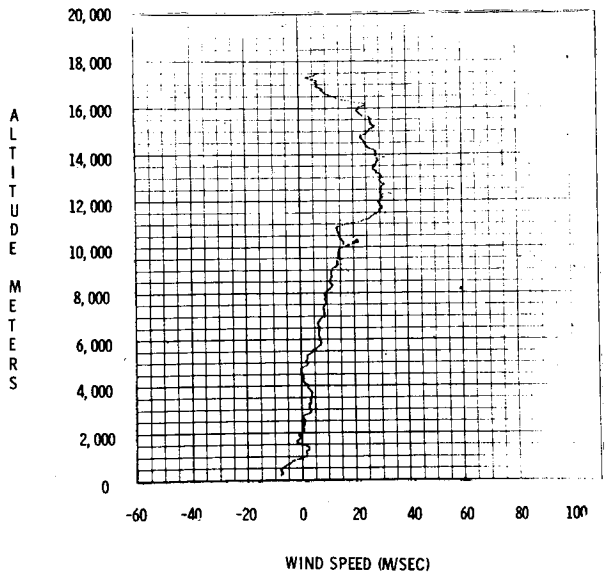
WIND DIRECTION PROFILE



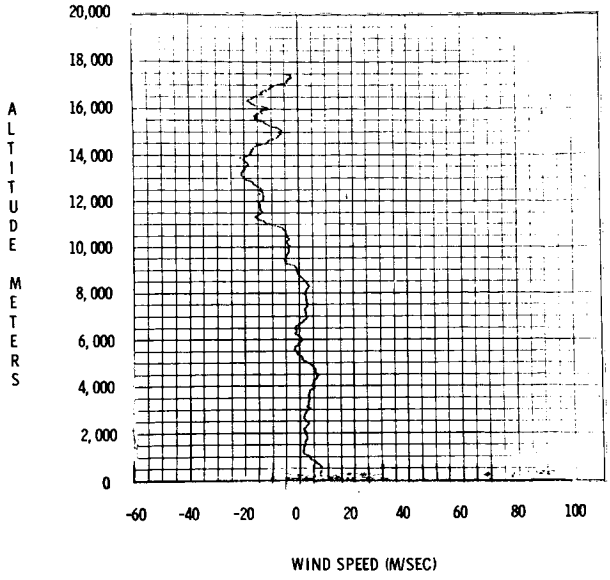
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-7 FEBRUARY 10, 1965 2031Z ETR

FIGURE 25

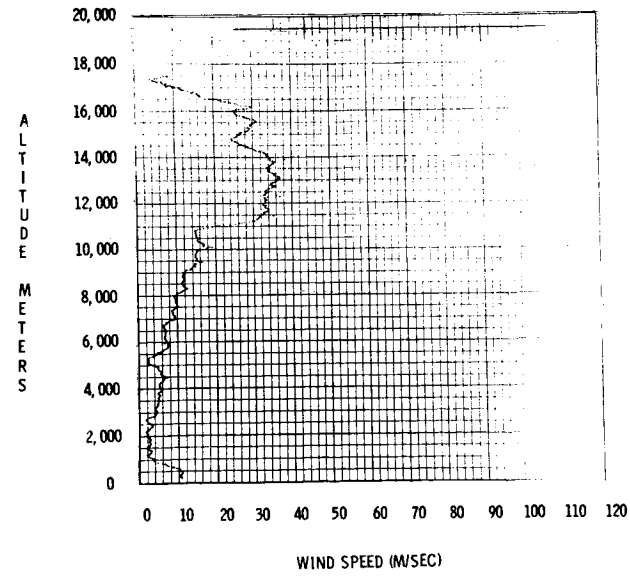
ZONAL WIND SPEED PROFILE



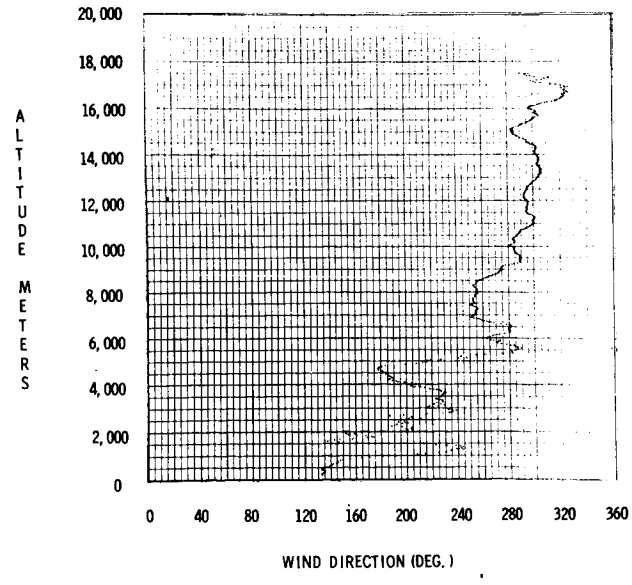
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



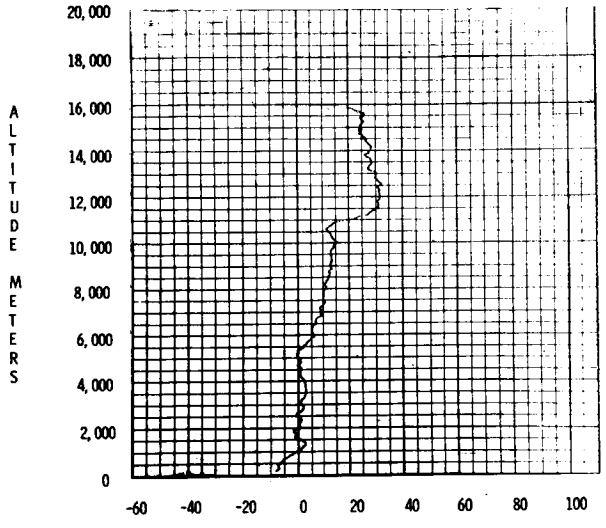
WIND DIRECTION PROFILE



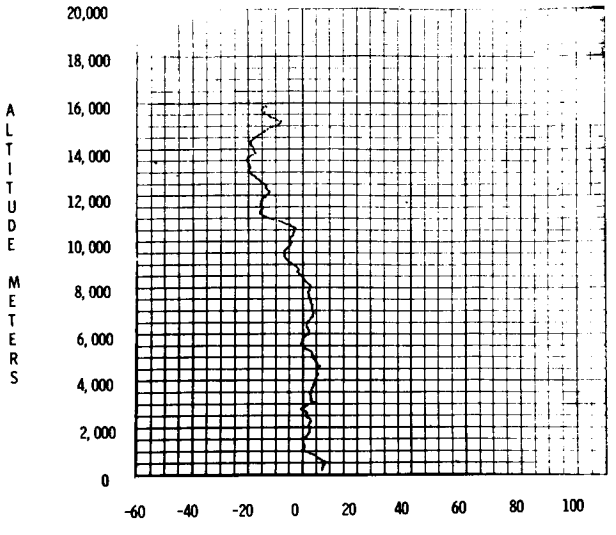
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-9 FEBRUARY 10, 1965 2305Z ETR

FIGURE 26

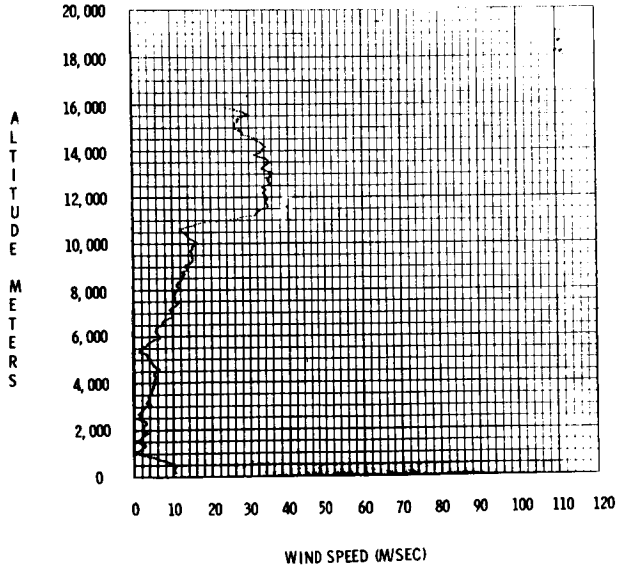
ZONAL WIND SPEED PROFILE



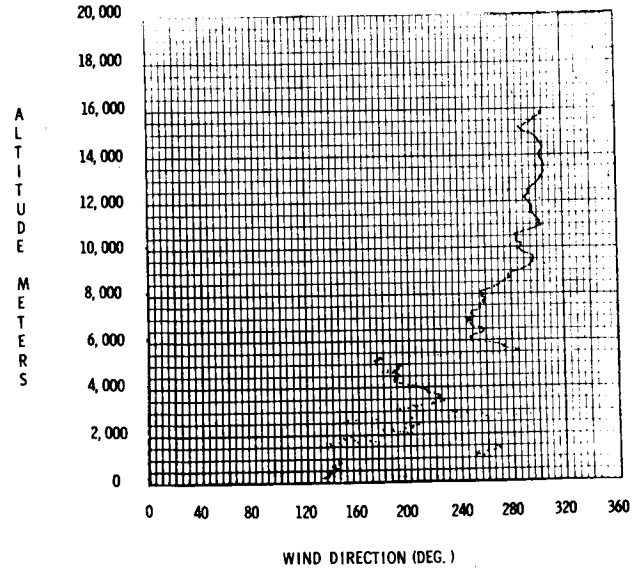
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



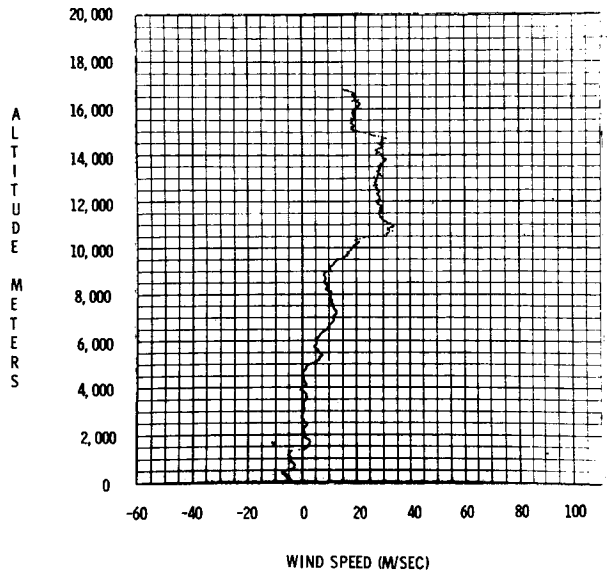
WIND DIRECTION PROFILE



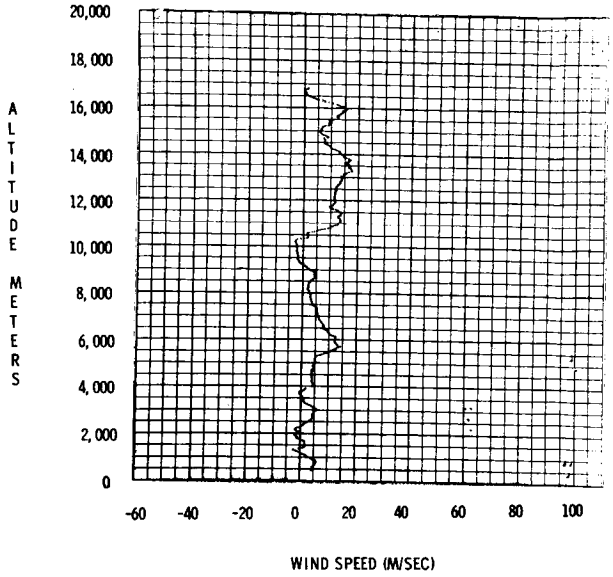
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 870-10 FEBRUARY 11, 1965 0035Z ETR

FIGURE 27

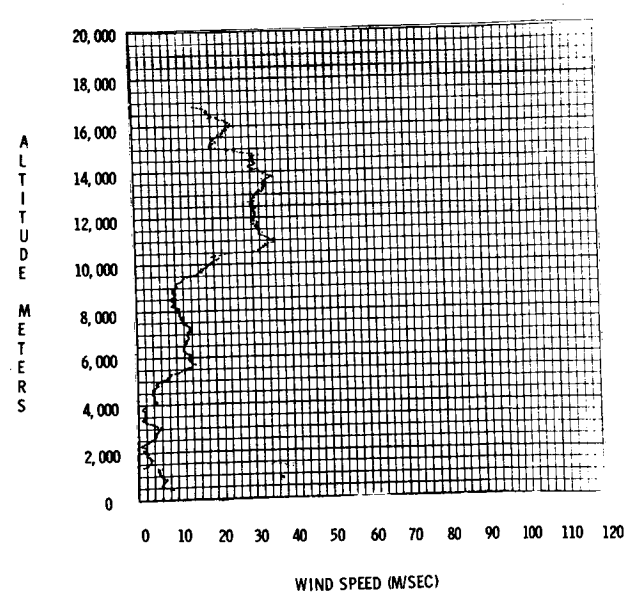
ZONAL WIND SPEED PROFILE



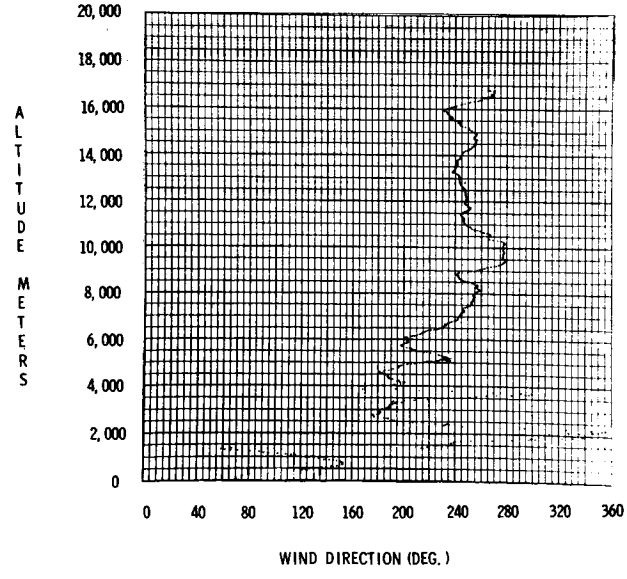
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



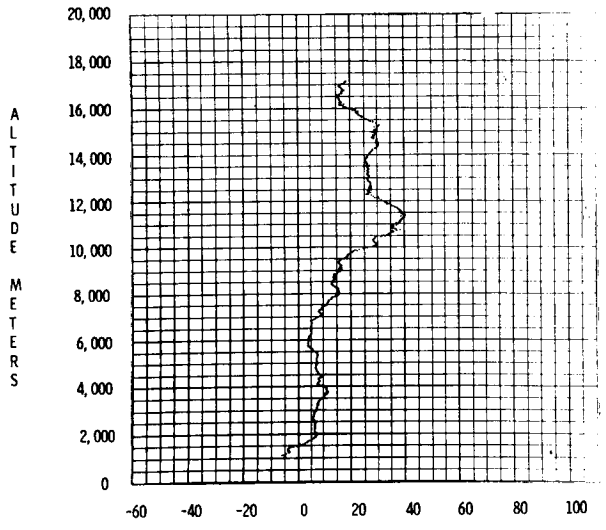
WIND DIRECTION PROFILE



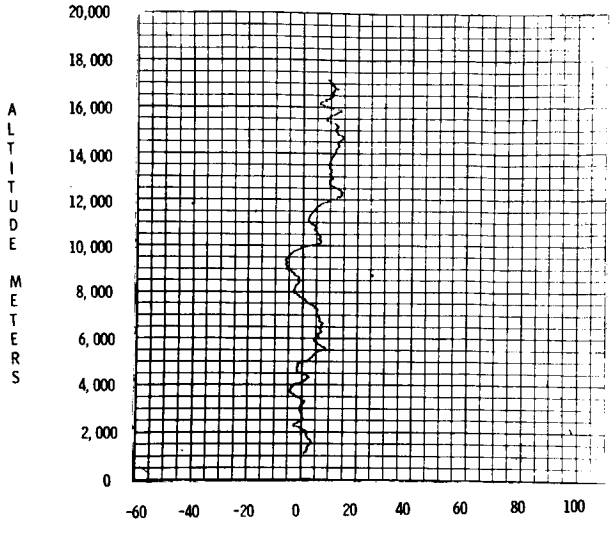
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 0982 FEBRUARY 12, 1965 1633Z ETR

FIGURE 28

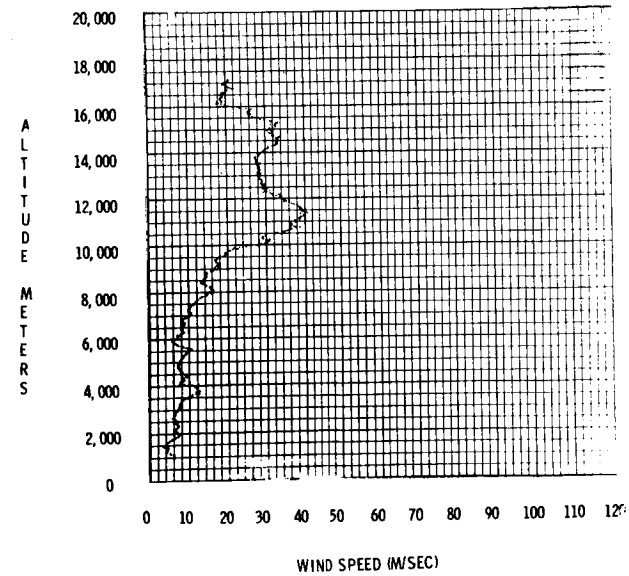
ZONAL WIND SPEED PROFILE



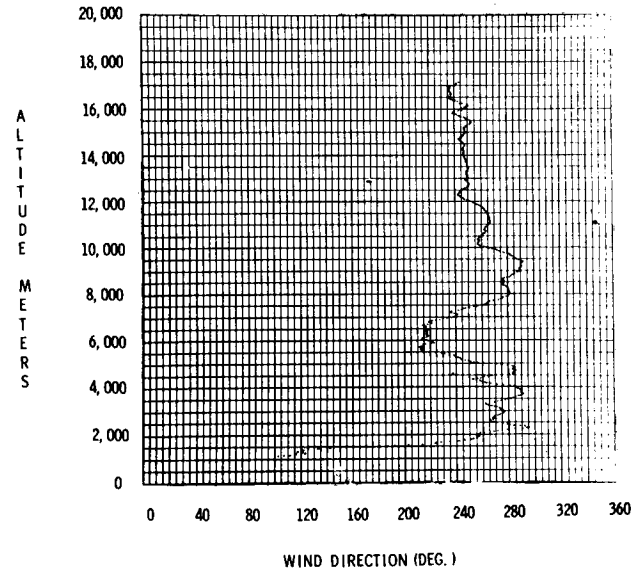
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



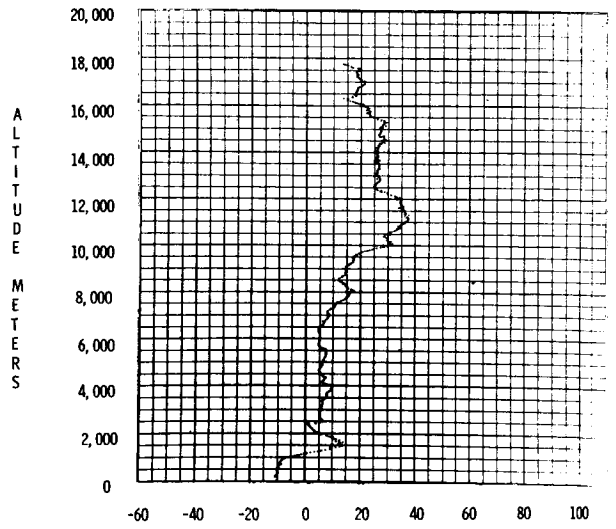
WIND DIRECTION PROFILE



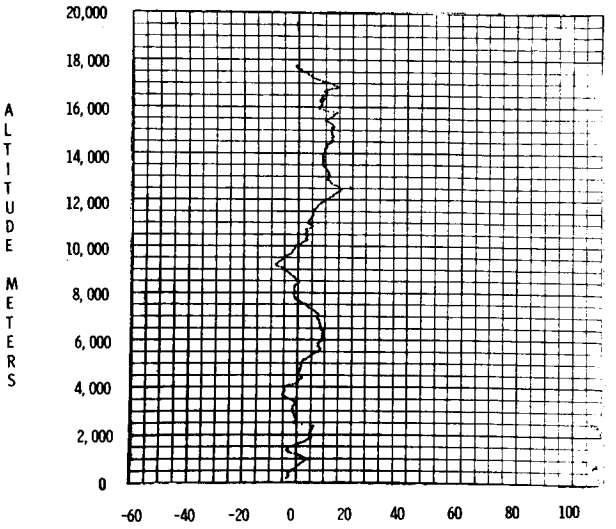
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR 0977 FEBRUARY 16, 1965 0625Z ETR

FIGURE 29

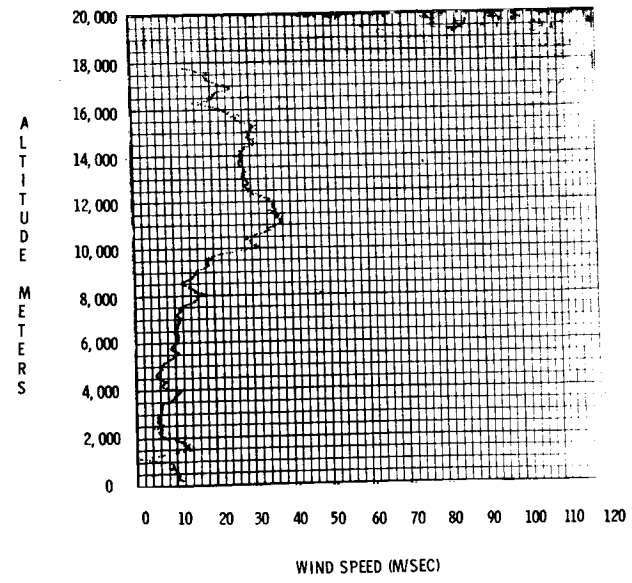
ZONAL WIND SPEED PROFILE



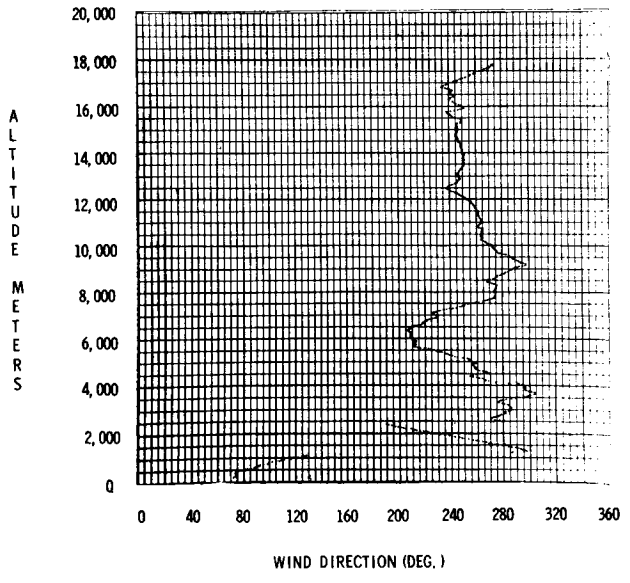
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



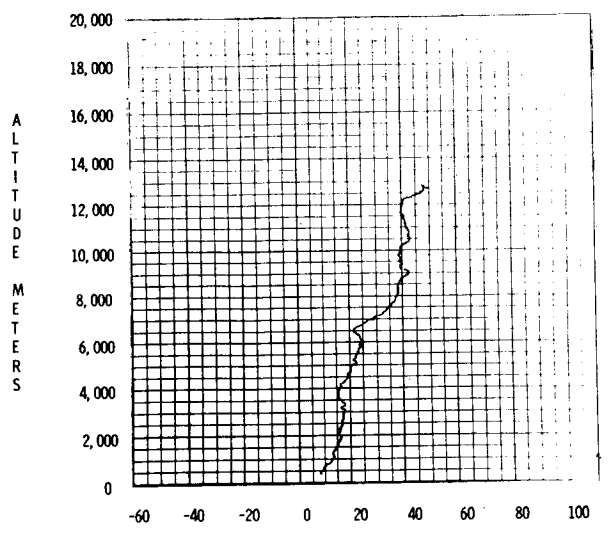
WIND DIRECTION PROFILE



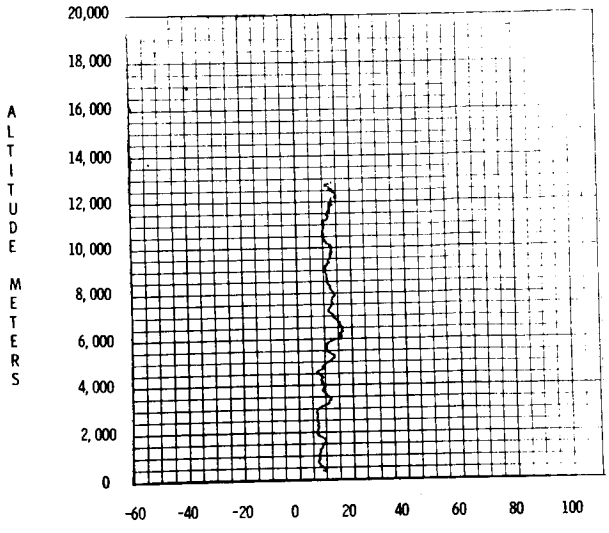
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 0978 FEBRUARY 16, 1965 0701Z ETR

FIGURE 30

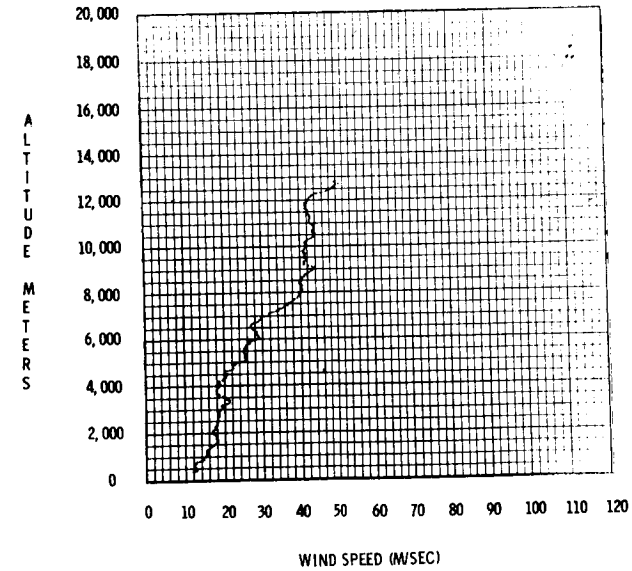
ZONAL WIND SPEED PROFILE



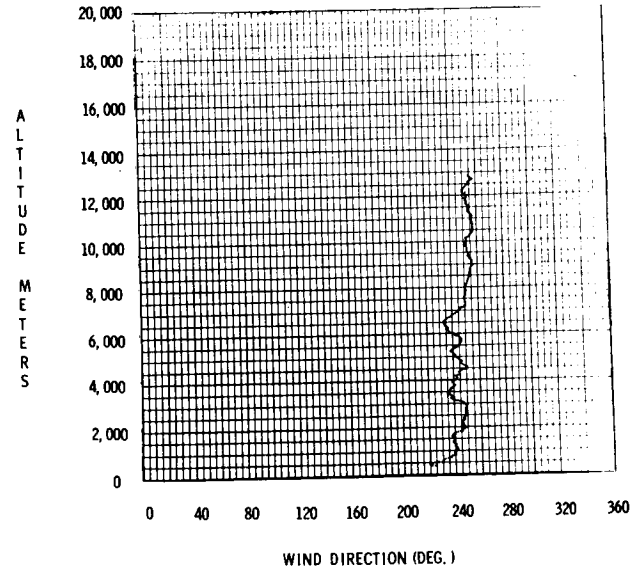
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



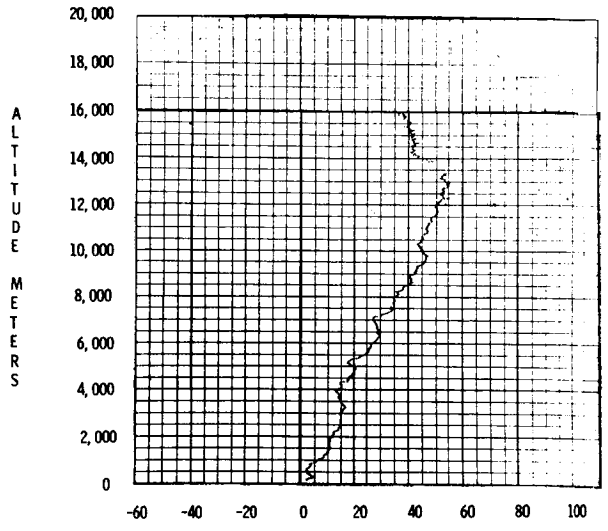
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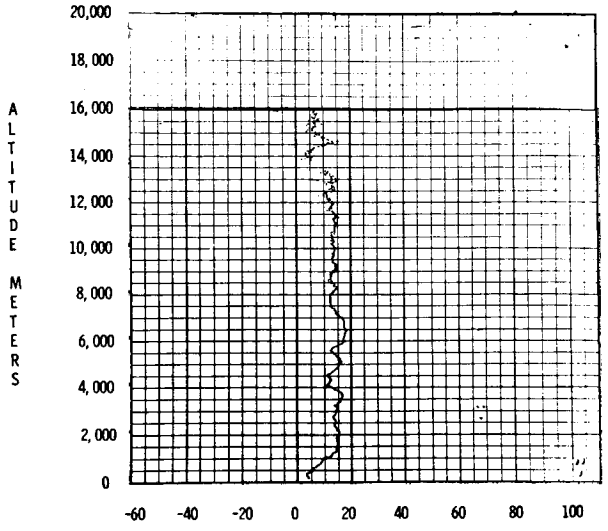
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1272-2 FEBRUARY 24, 1965 1521Z ETR

FIGURE 31

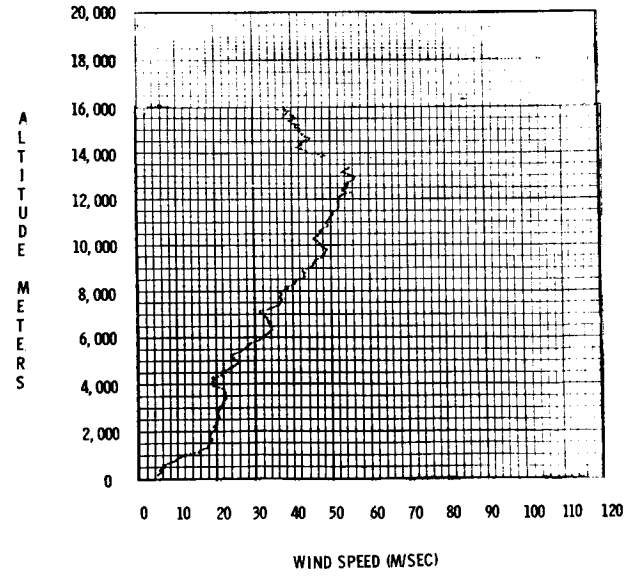
ZONAL WIND SPEED PROFILE



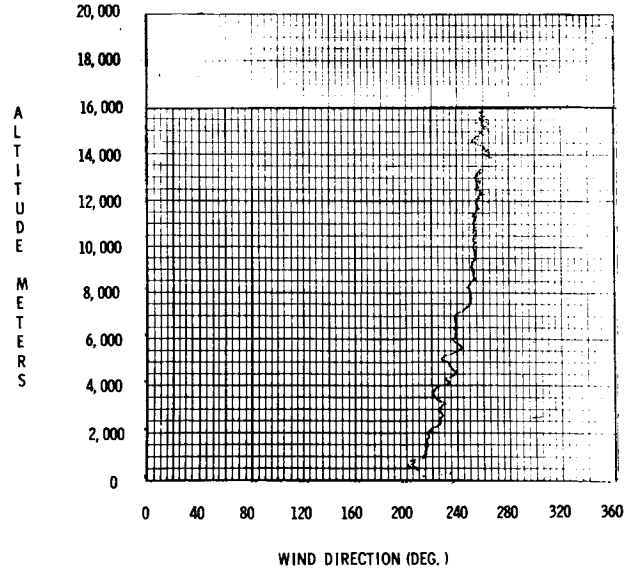
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



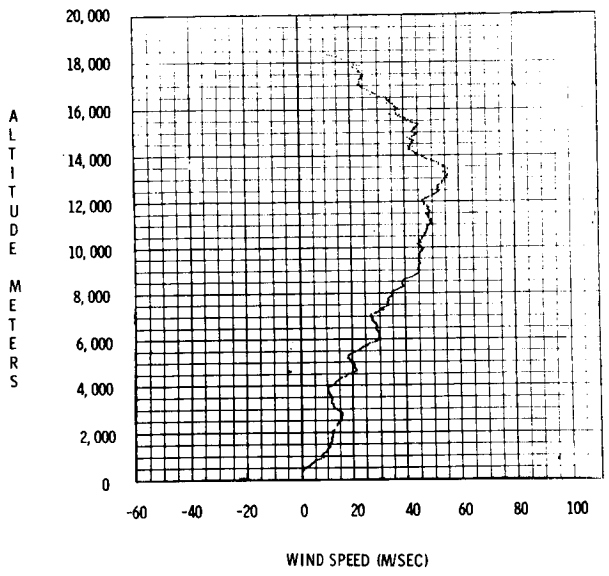
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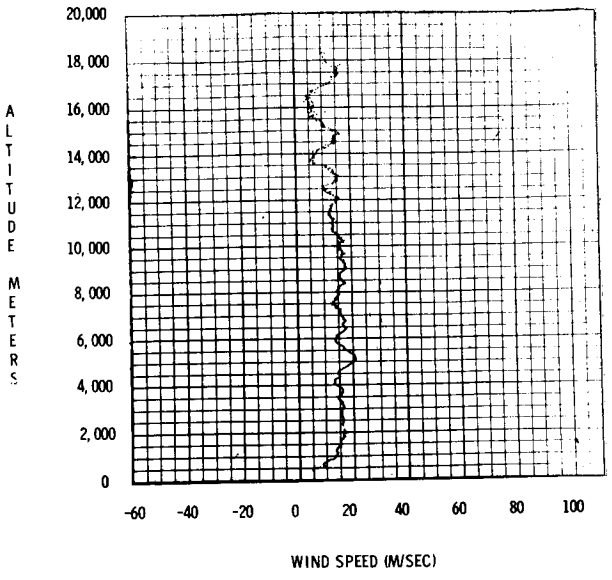
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NO. 1272-4 FEBRUARY 24, 1965 2029Z ETR

FIGURE 32

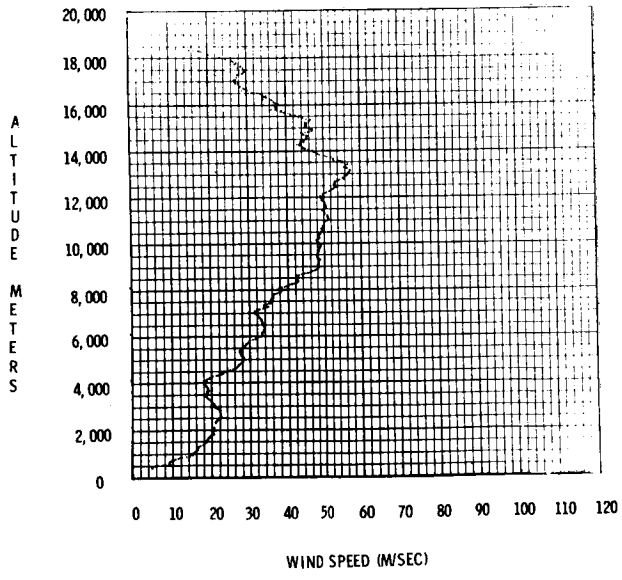
ZONAL WIND SPEED PROFILE



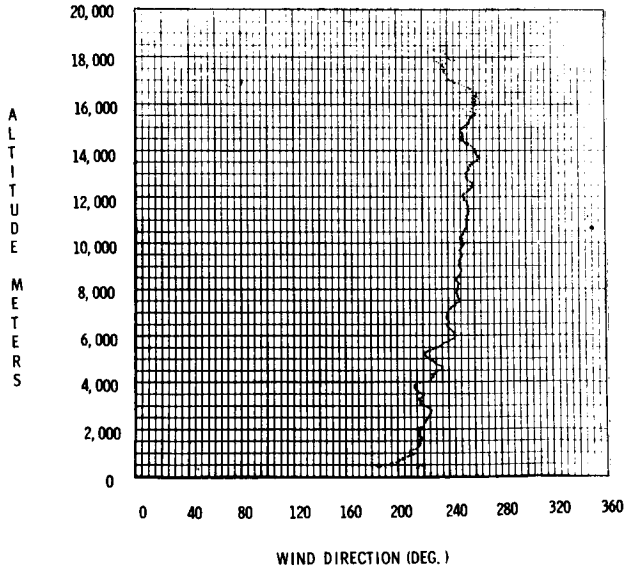
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



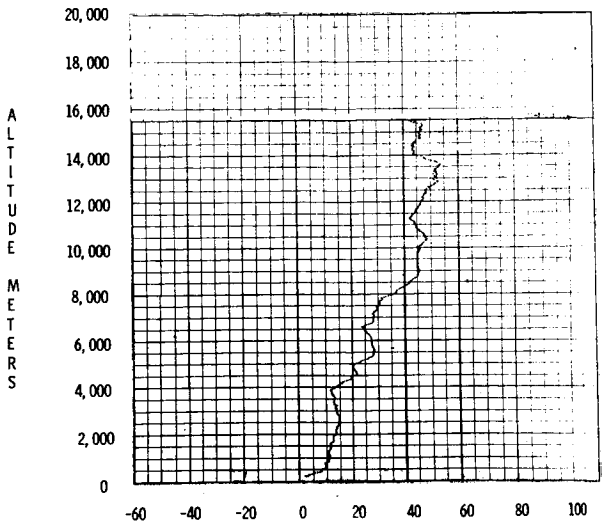
WIND DIRECTION PROFILE



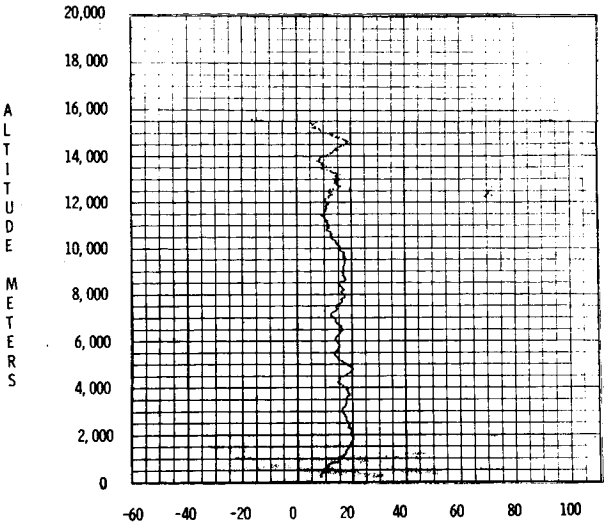
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1272-5 FEBRUARY 24, 1965 2150Z ETR

FIGURE 33

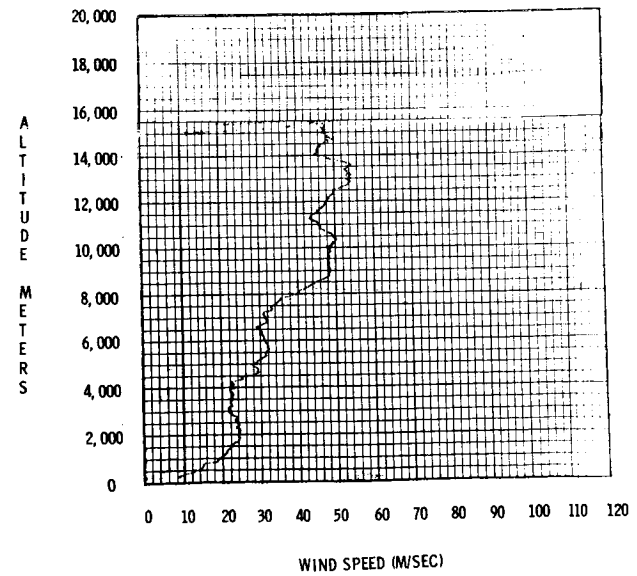
ZONAL WIND SPEED PROFILE



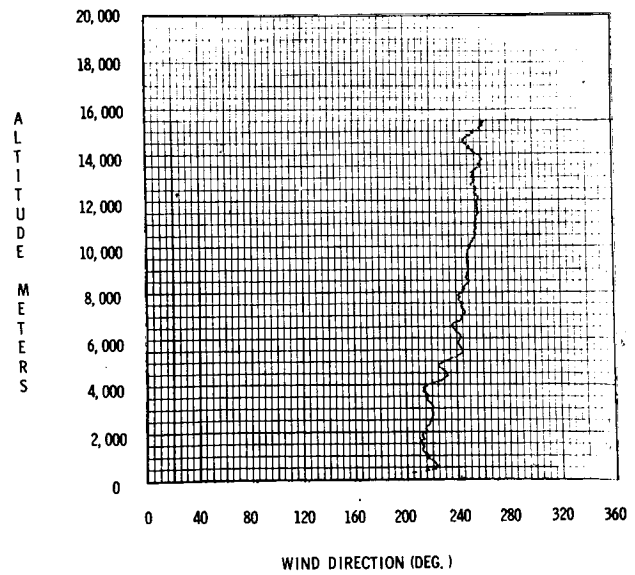
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



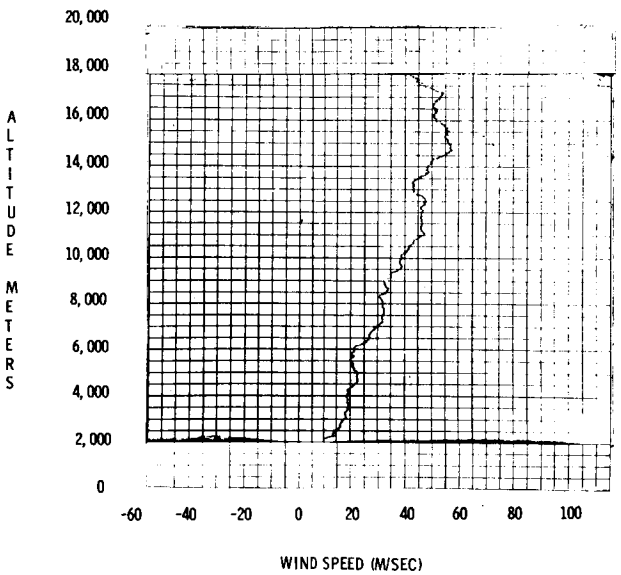
WIND DIRECTION PROFILE



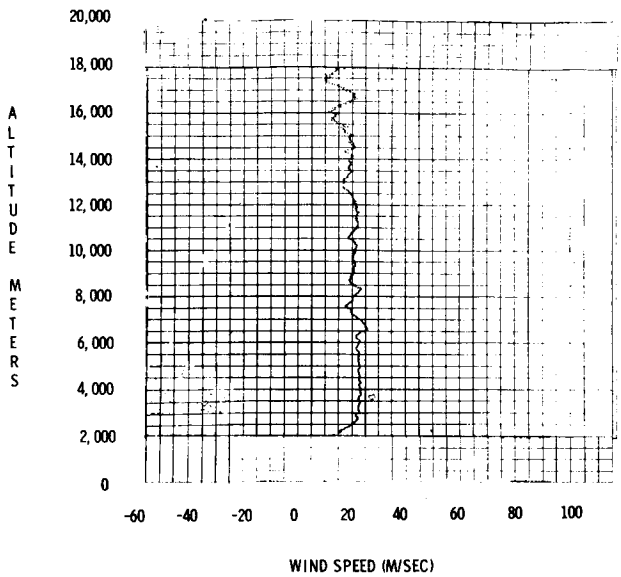
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1272-6 FEBRUARY 24, 1965 0000Z ETR

FIGURE 34

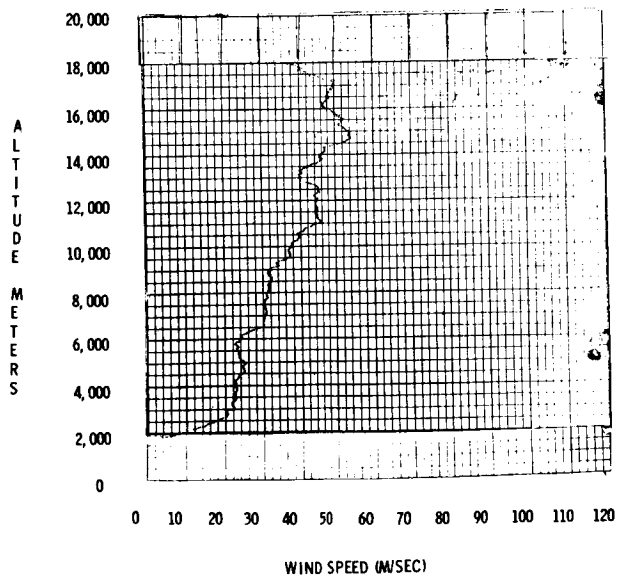
ZONAL WIND SPEED PROFILE



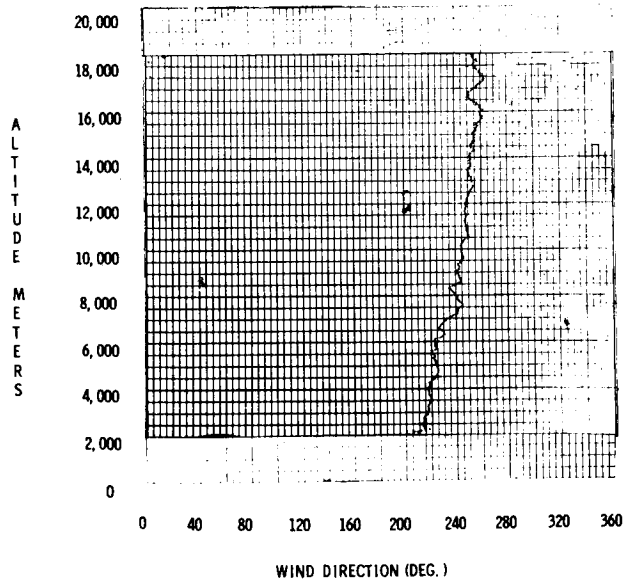
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



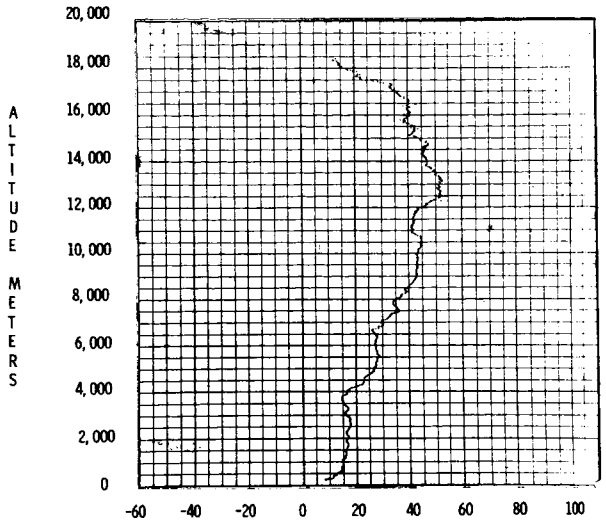
WIND DIRECTION PROFILE



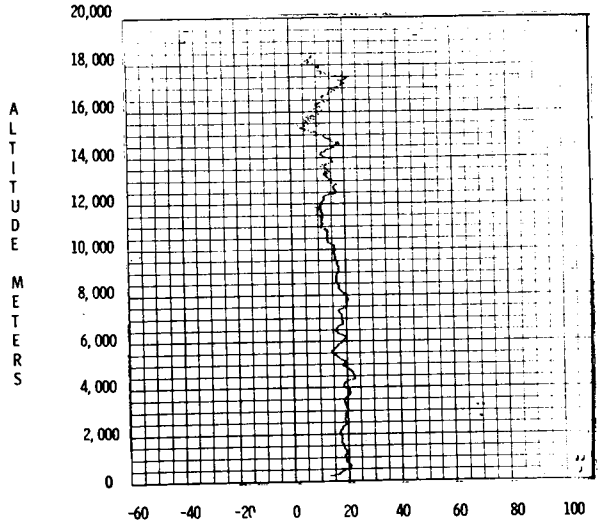
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1272-7 FEBRUARY 25, 1965 0025Z ETR

FIGURE 35

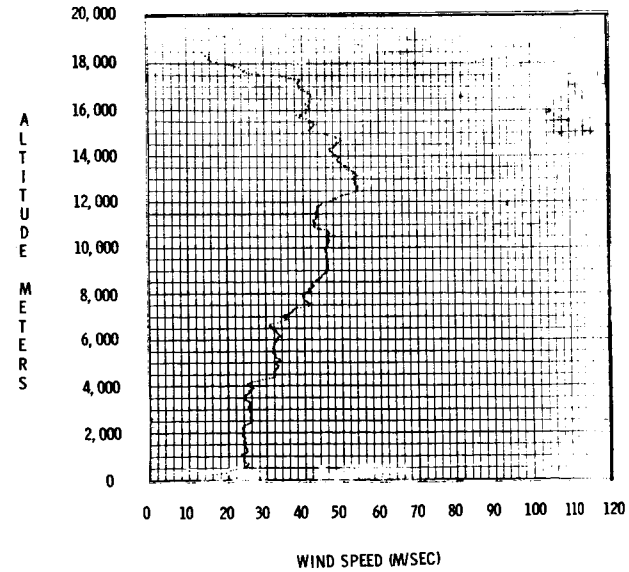
ZONAL WIND SPEED PROFILE



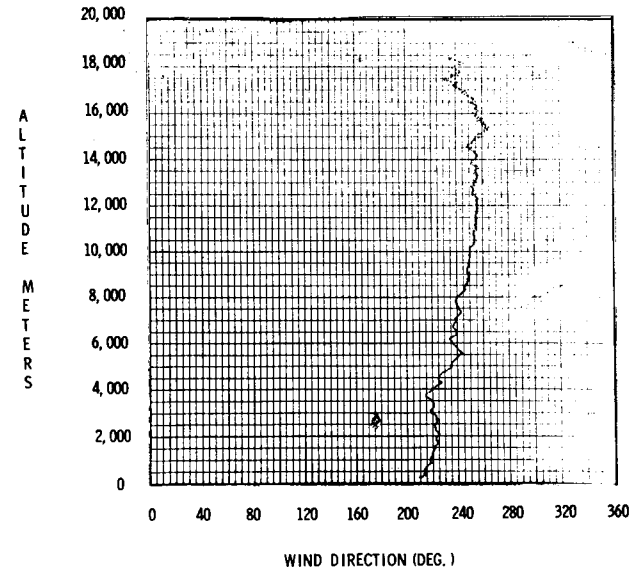
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



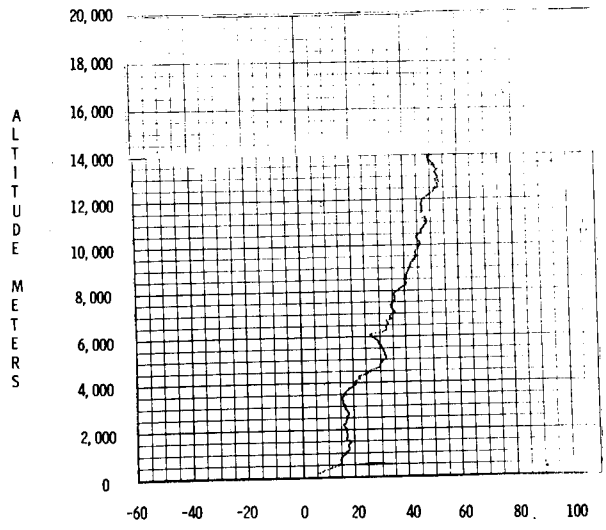
WIND DIRECTION PROFILE



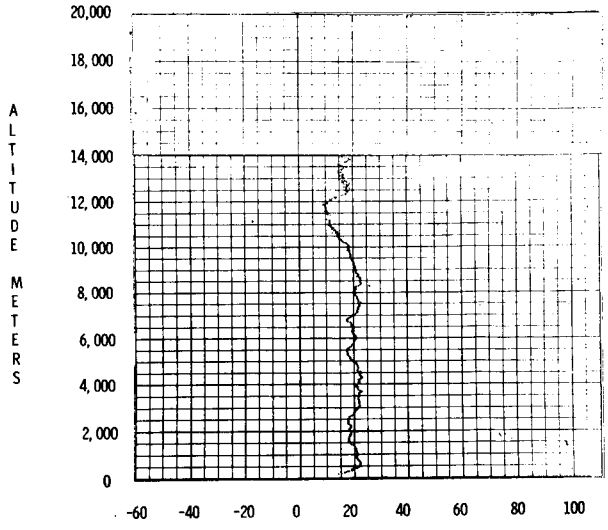
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1272-8 FEBRUARY 25, 1965 0144Z ETR

FIGURE 36

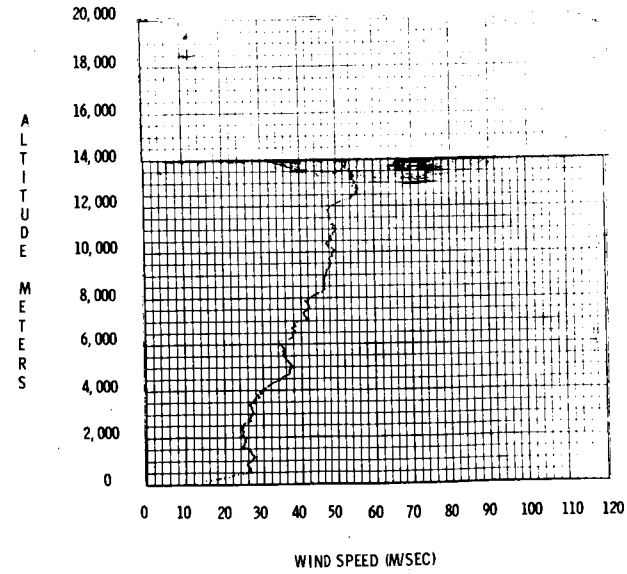
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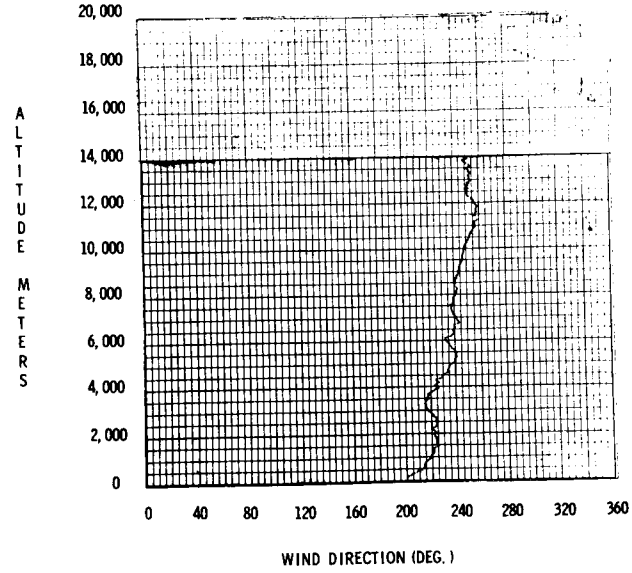
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



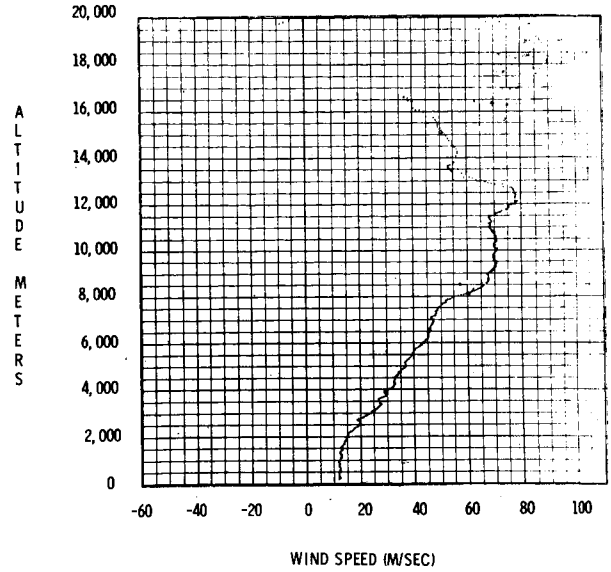
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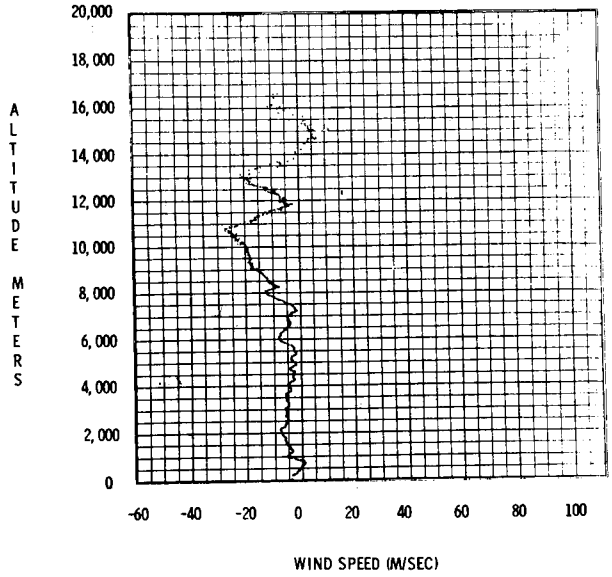
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1272-9 FEBRUARY 25, 1965 0259Z ETR

FIGURE 37

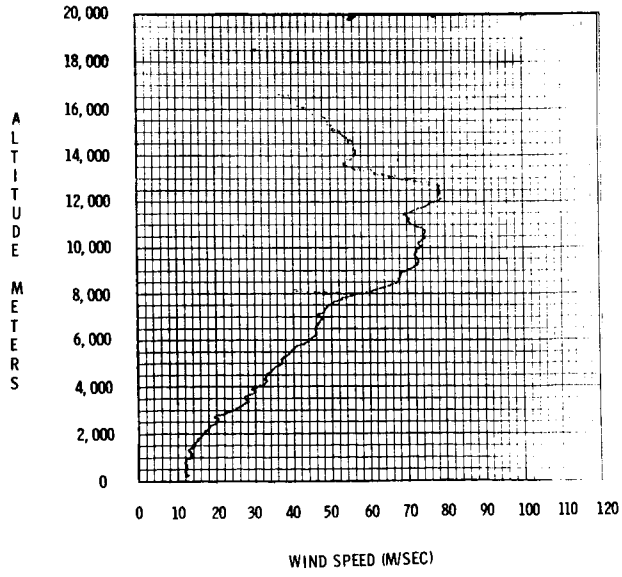
ZONAL WIND SPEED PROFILE



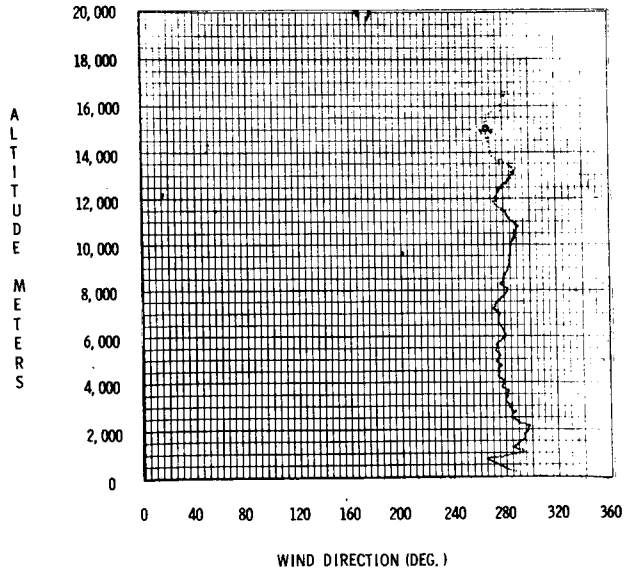
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE

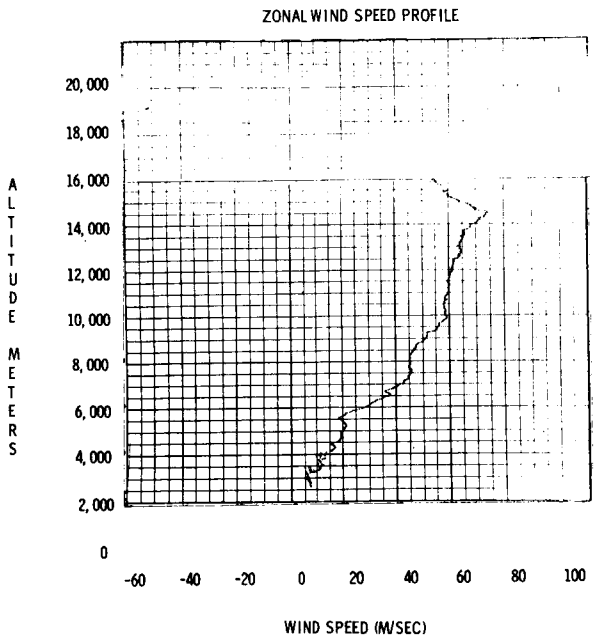


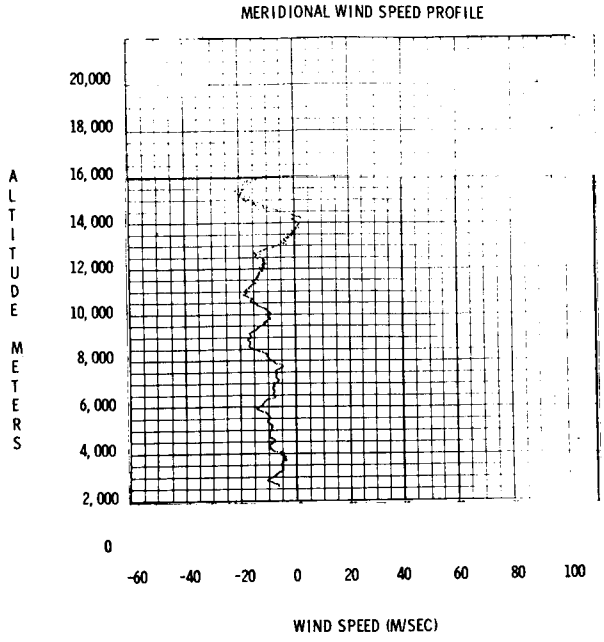
WIND DIRECTION PROFILE

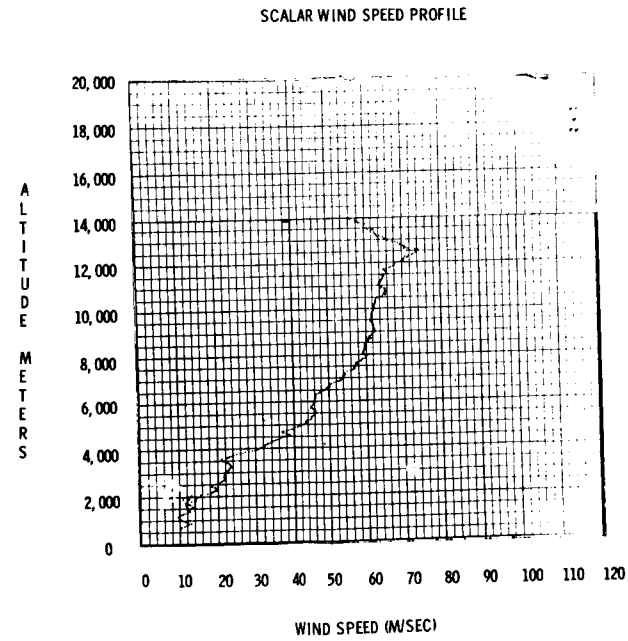


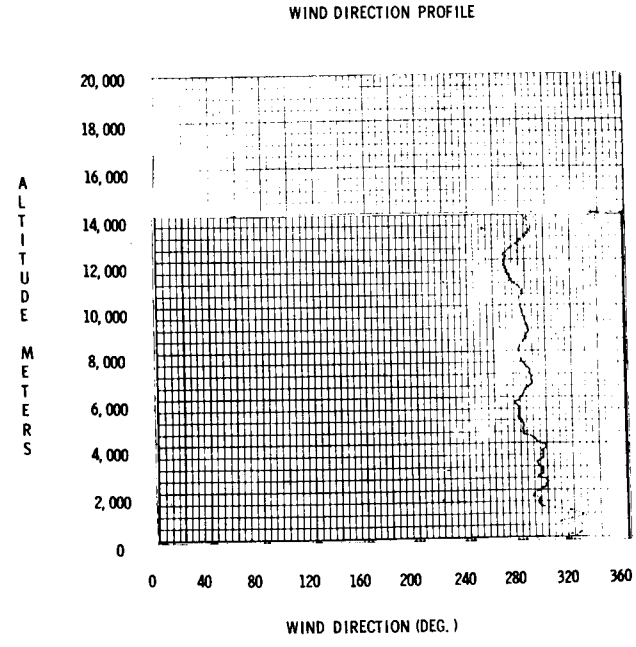
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1639 MARCH 9, 1965 0100Z ETR

FIGURE 38





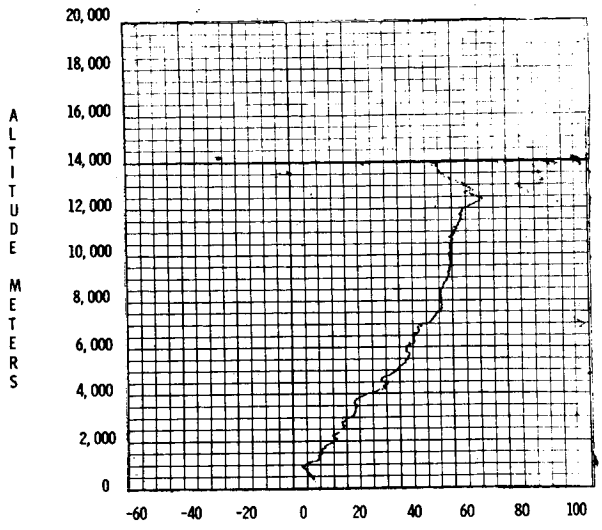




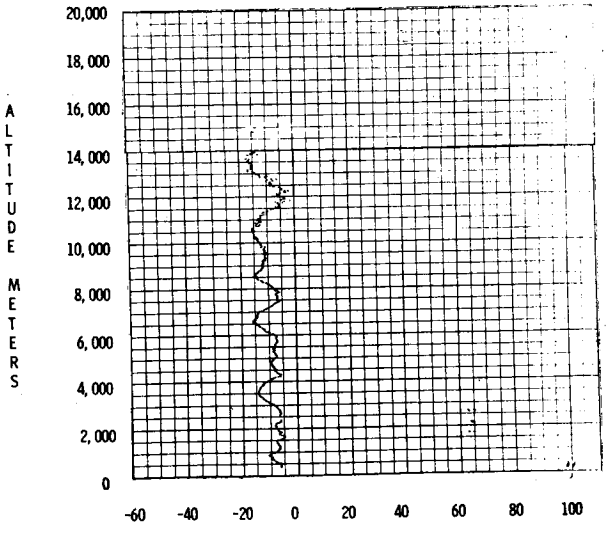
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1654 MARCH 9, 1965 1006Z ETR

FIGURE 39

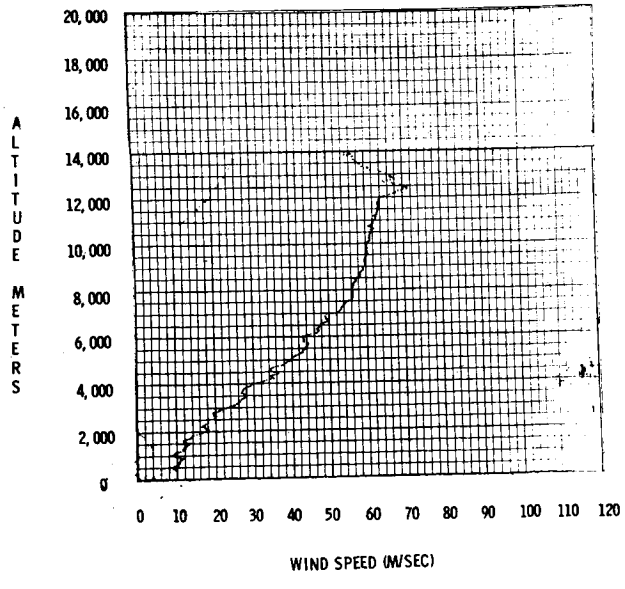
ZONAL WIND SPEED PROFILE



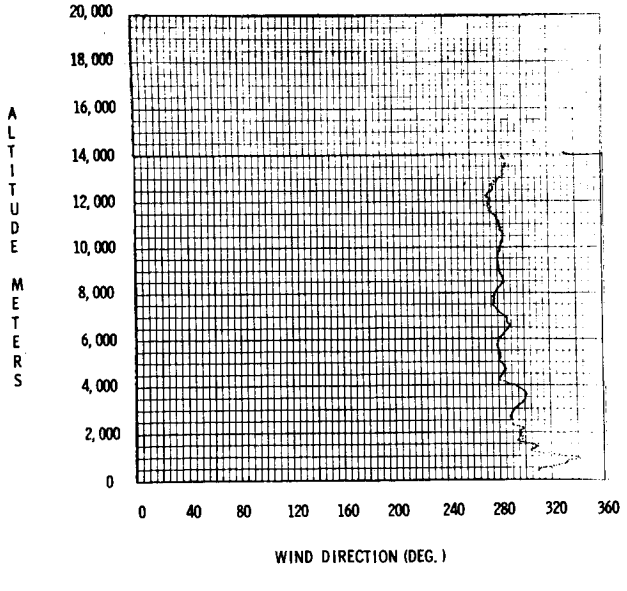
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



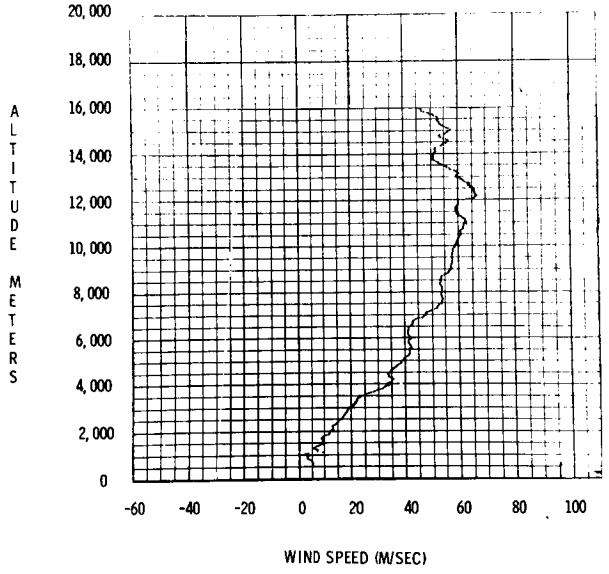
WIND DIRECTION PROFILE



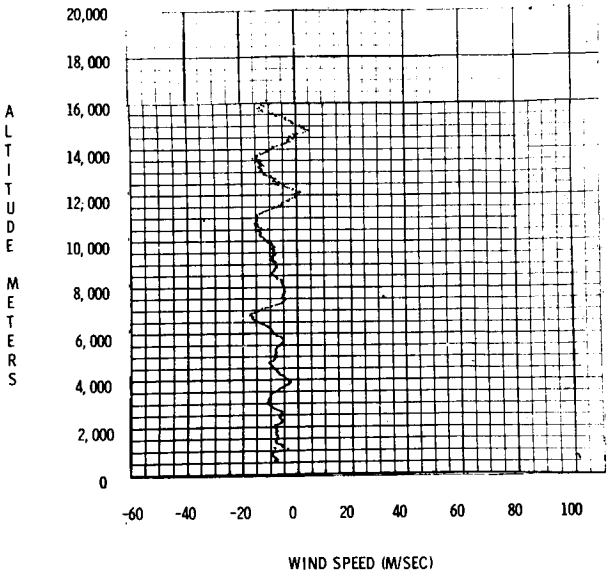
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1655 MARCH 9, 1965 1200Z ETR

FIGURE 40

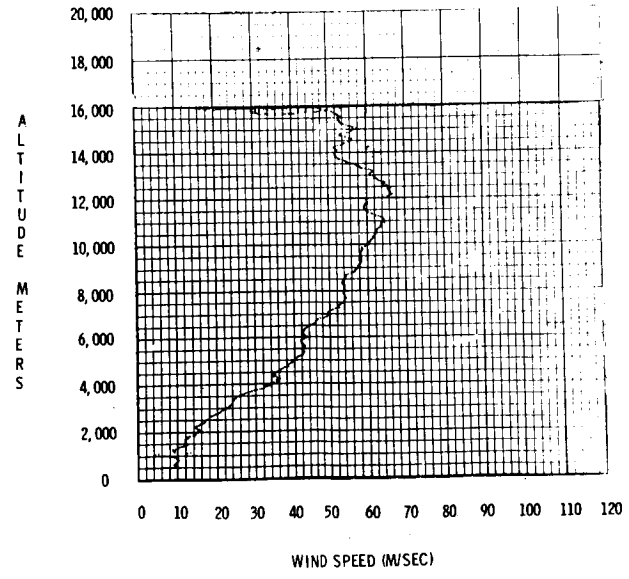
ZONAL WIND SPEED PROFILE



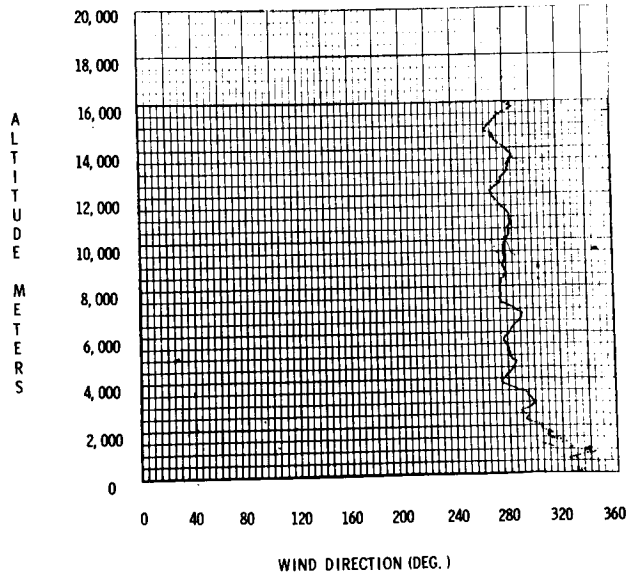
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



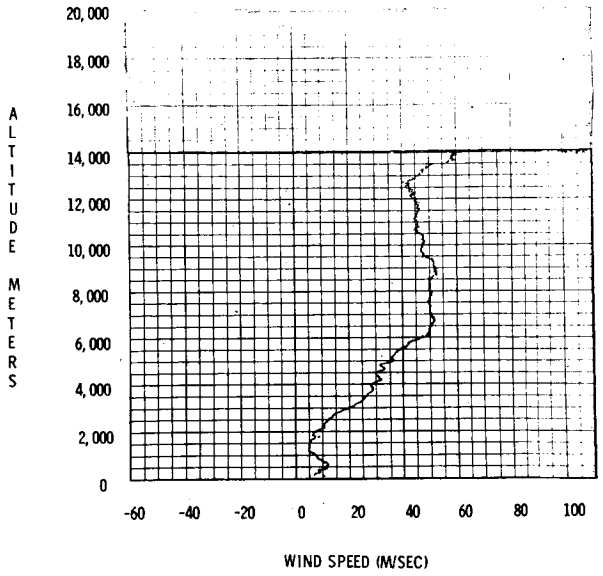
WIND DIRECTION PROFILE



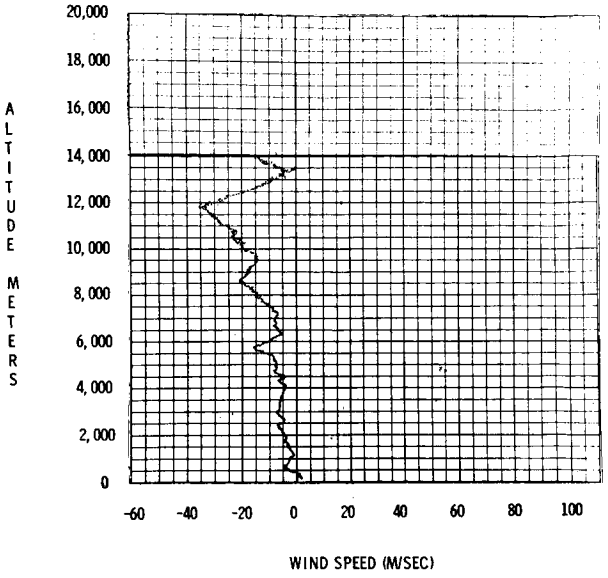
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1657 MARCH 9, 1965 1341Z ETR

FIGURE 41

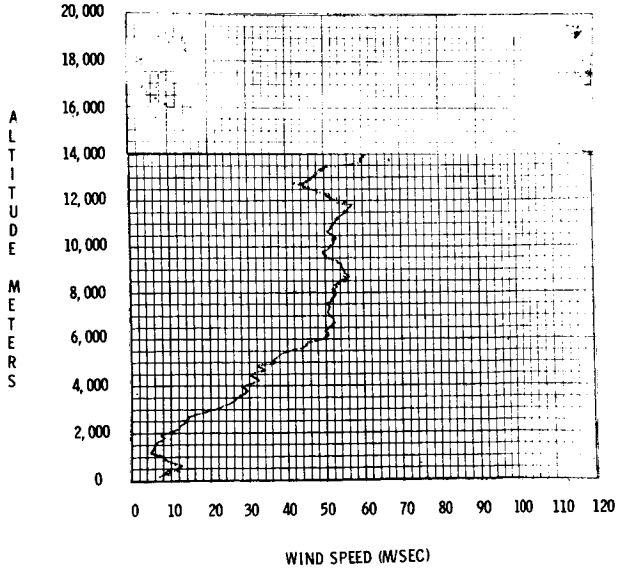
ZONAL WIND SPEED PROFILE



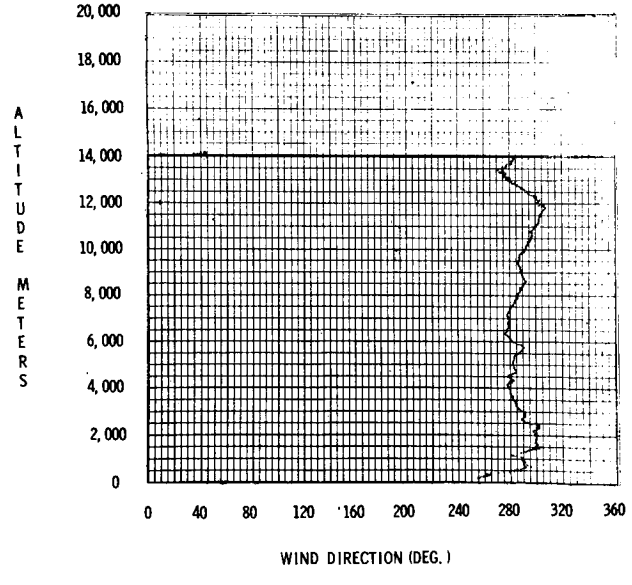
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



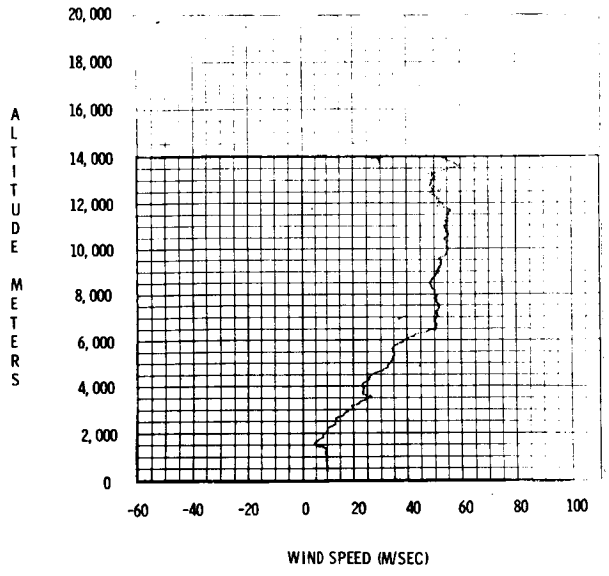
WIND DIRECTION PROFILE



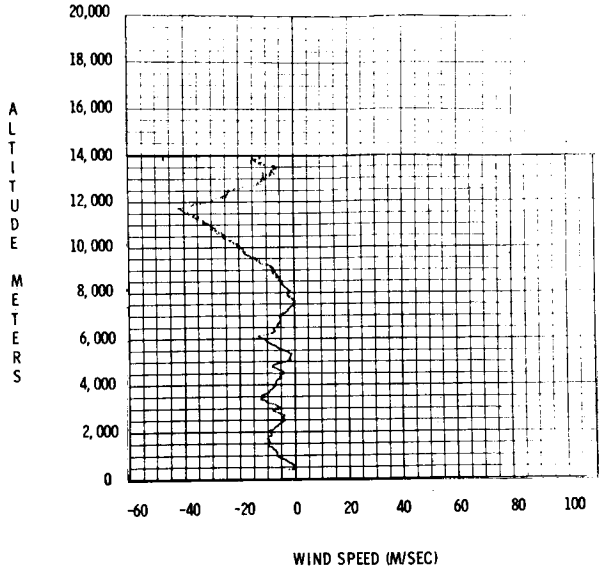
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1662 MARCH 10, 1965 0151Z ETR

FIGURE 42

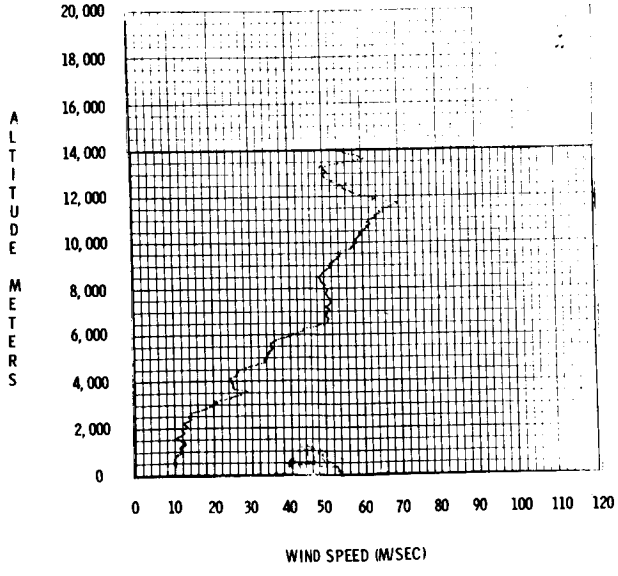
ZONAL WIND SPEED PROFILE



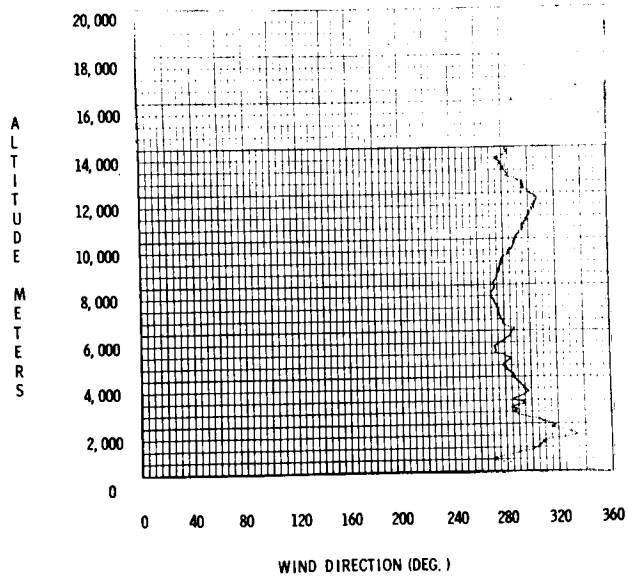
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



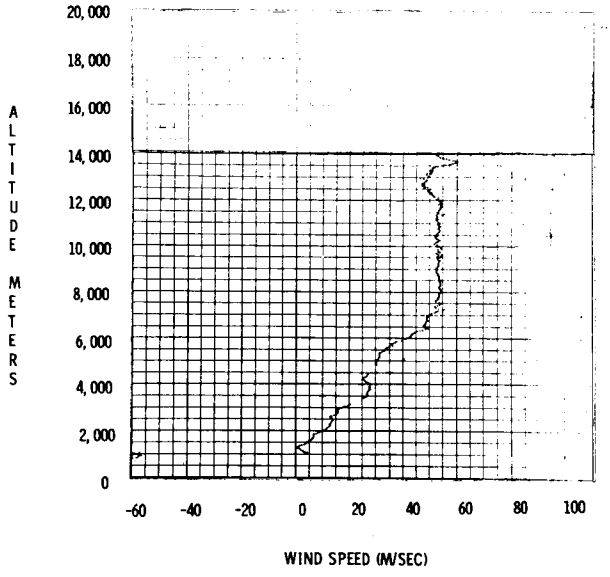
WIND DIRECTION PROFILE



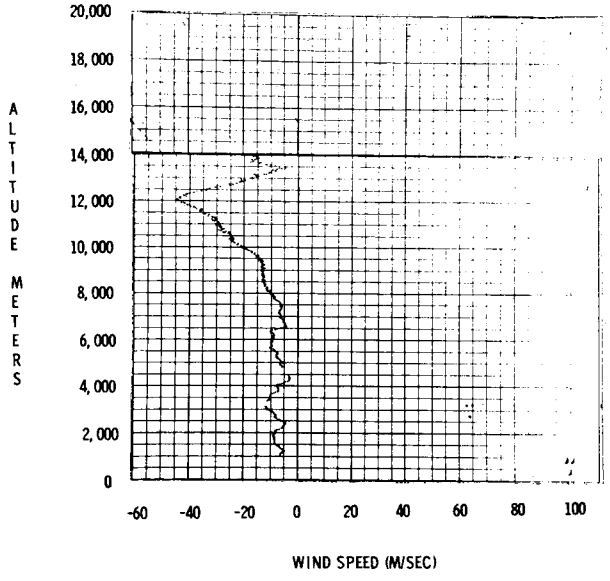
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1660 MARCH 10, 1965 1001Z ETR

FIGURE 43

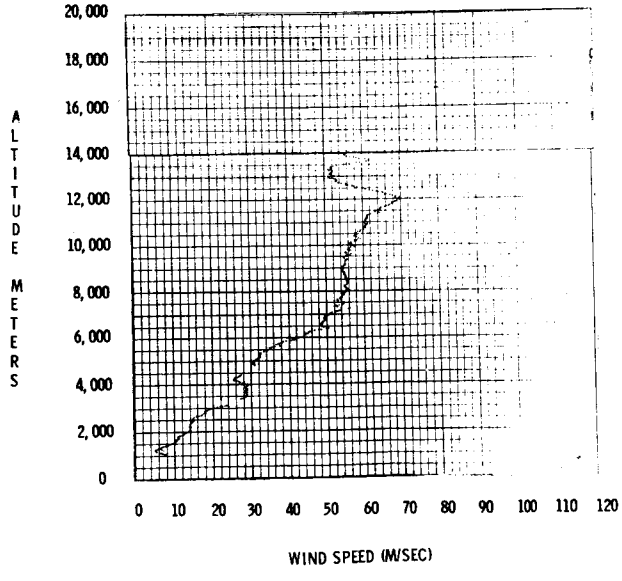
ZONAL WIND SPEED PROFILE



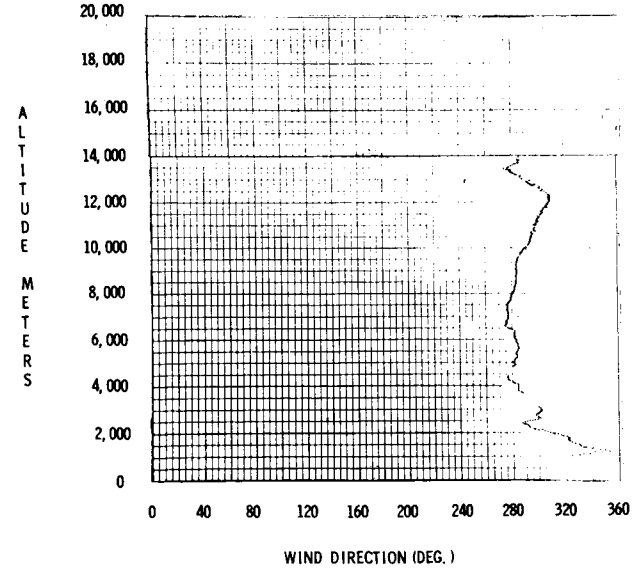
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



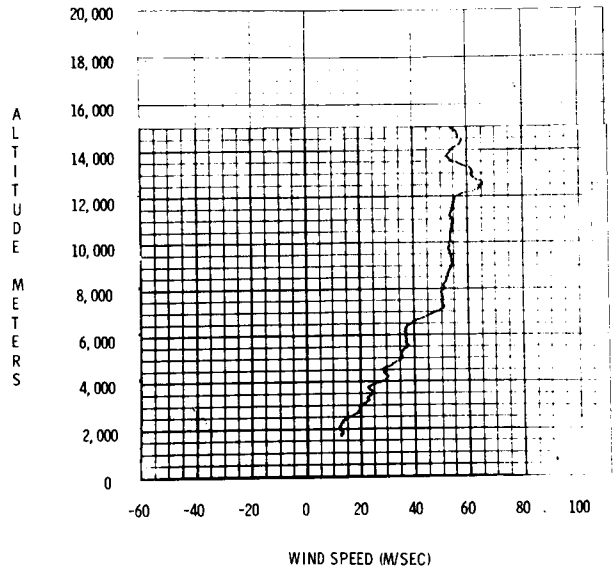
WIND DIRECTION PROFILE



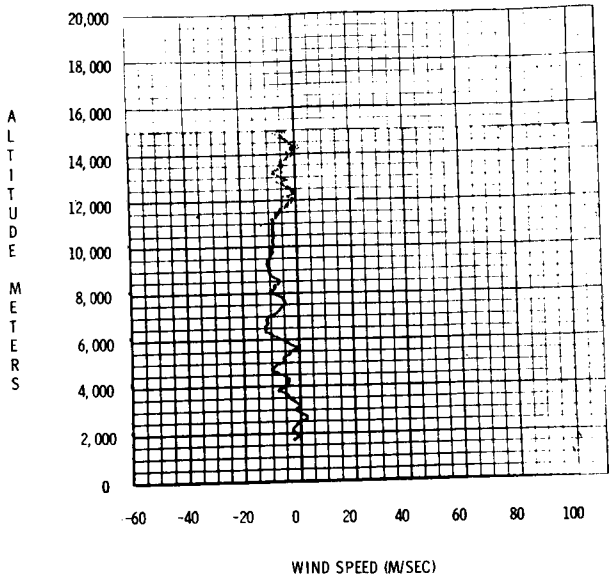
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1661 MARCH 10, 1965 1201Z ETR

FIGURE 44

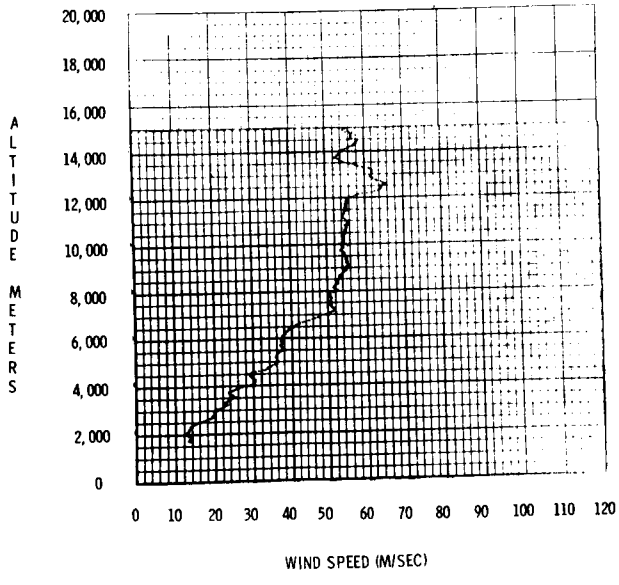
ZONAL WIND SPEED PROFILE



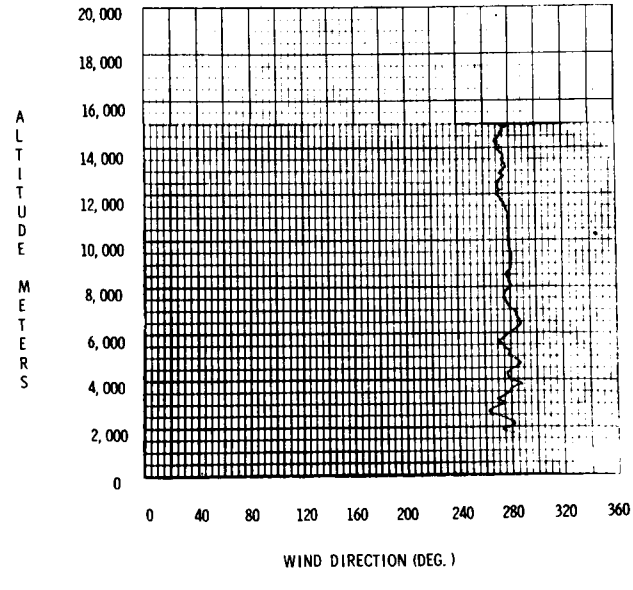
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



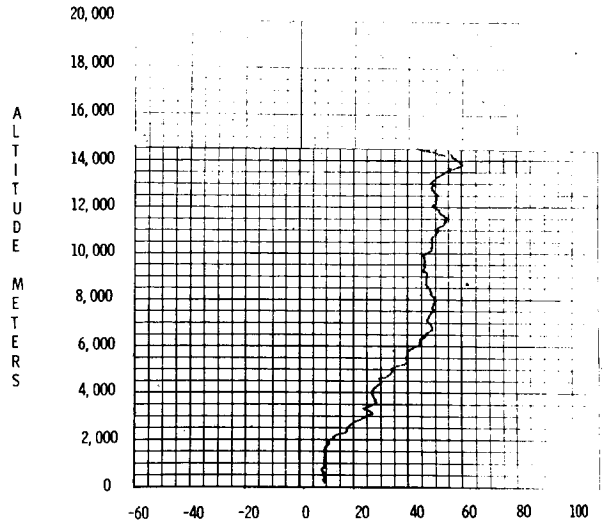
WIND DIRECTION PROFILE



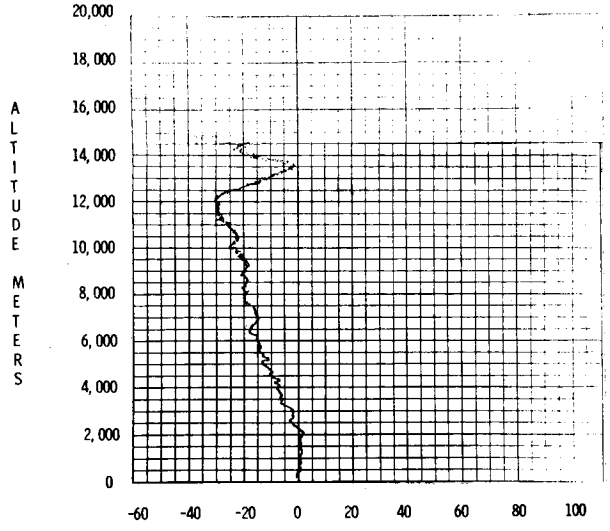
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1706 MARCH 10, 1965 1925Z ETR

FIGURE 45

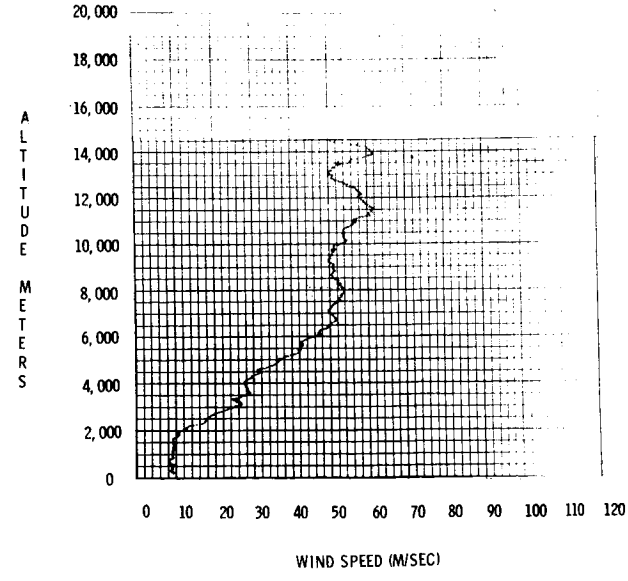
ZONAL WIND SPEED PROFILE



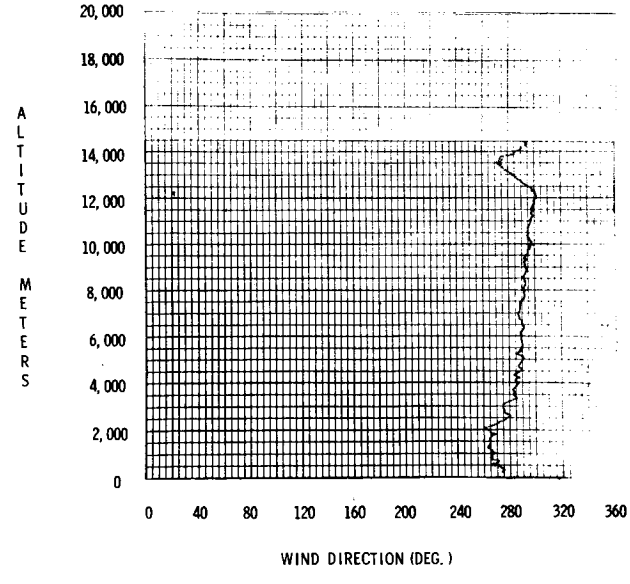
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



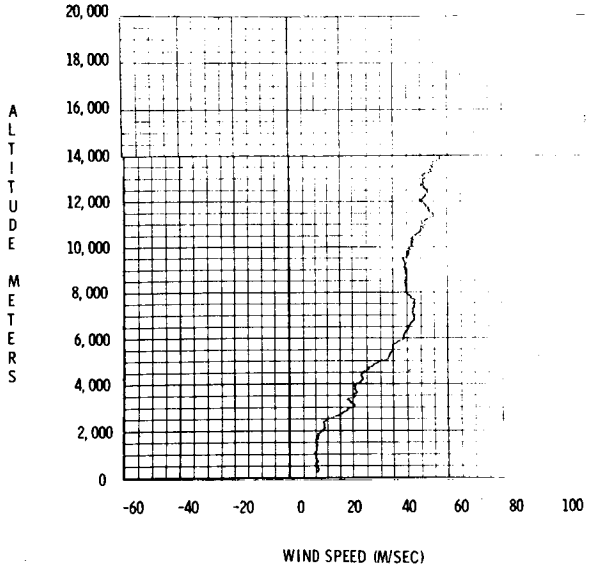
WIND DIRECTION PROFILE



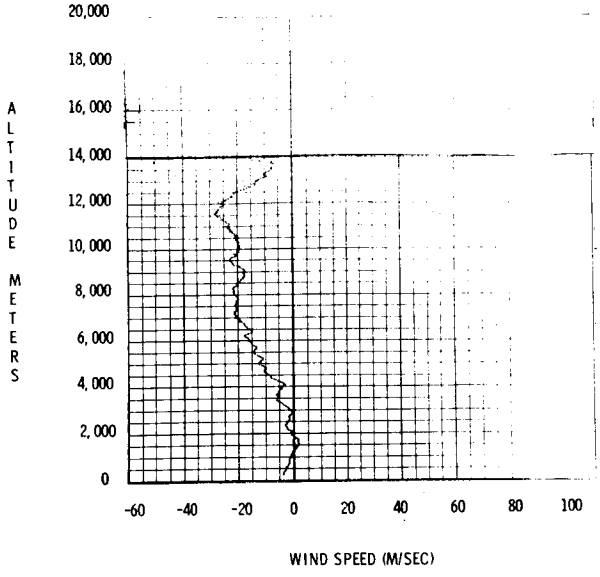
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1735 MARCH 10, 1965 2046Z ETR

FIGURE 46

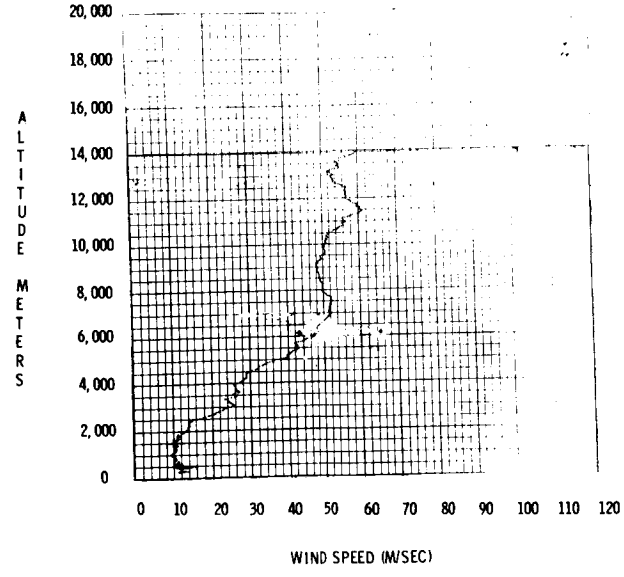
ZONAL WIND SPEED PROFILE



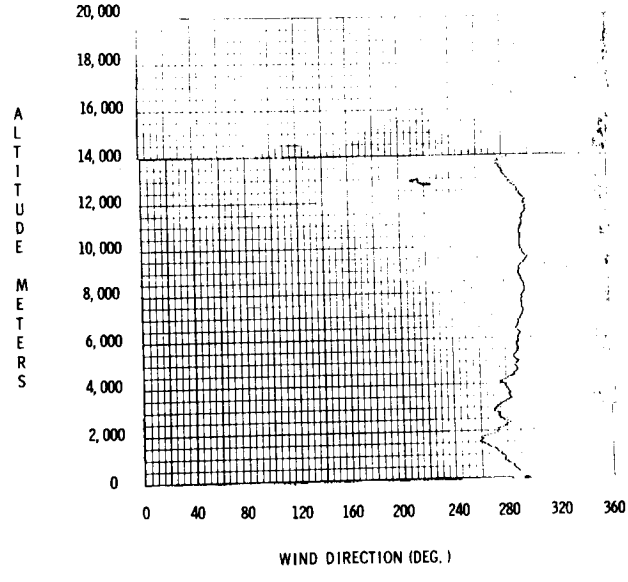
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



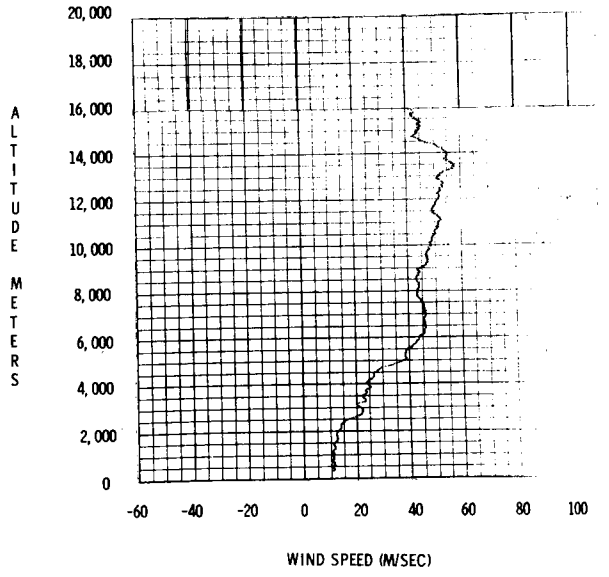
WIND DIRECTION PROFILE



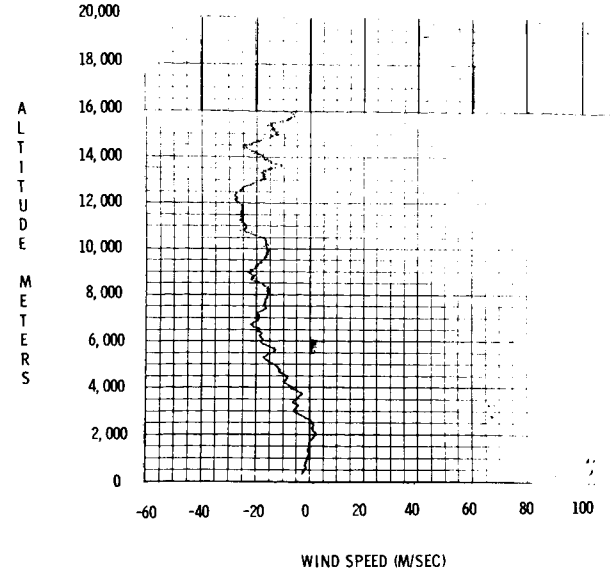
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1720 MARCH 10, 1965 2215Z ETR

FIGURE 47

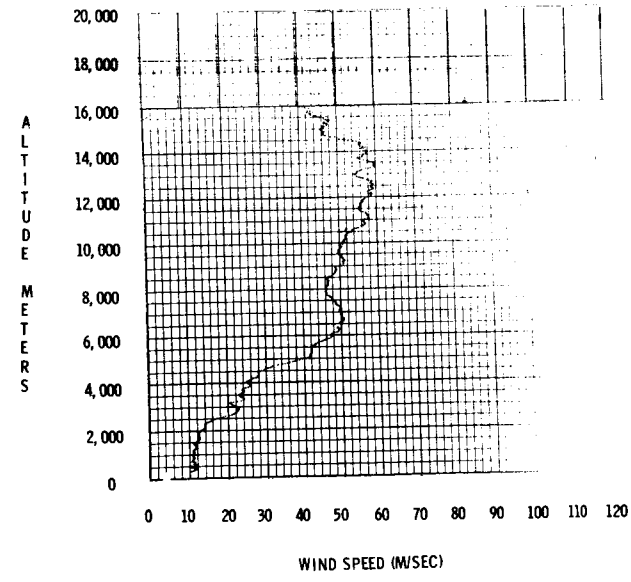
ZONAL WIND SPEED PROFILE



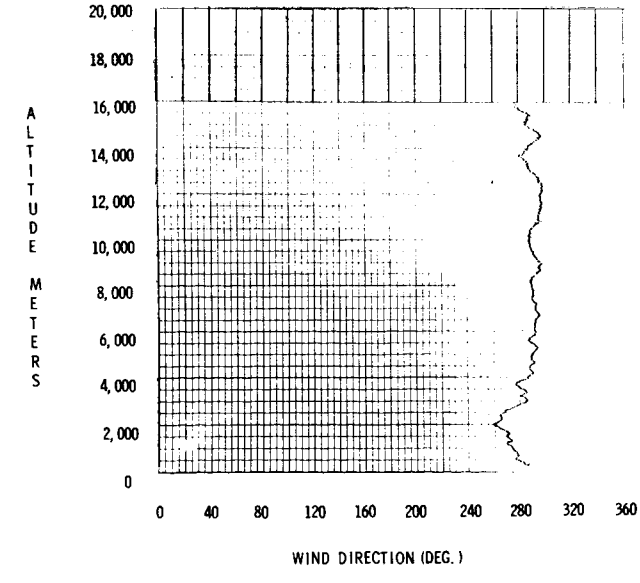
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



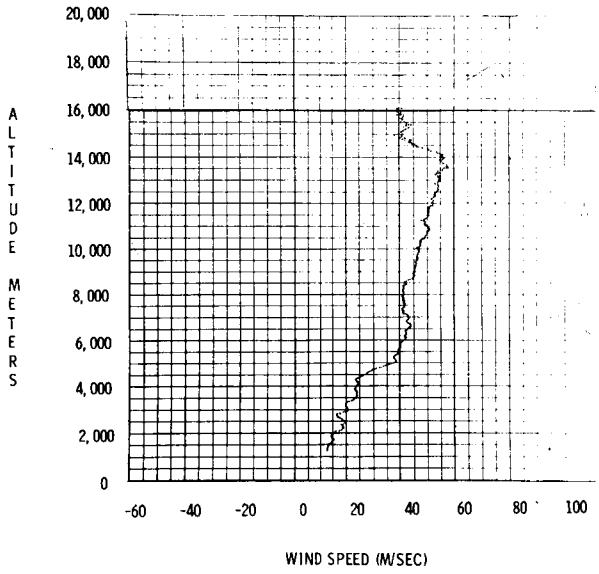
WIND DIRECTION PROFILE



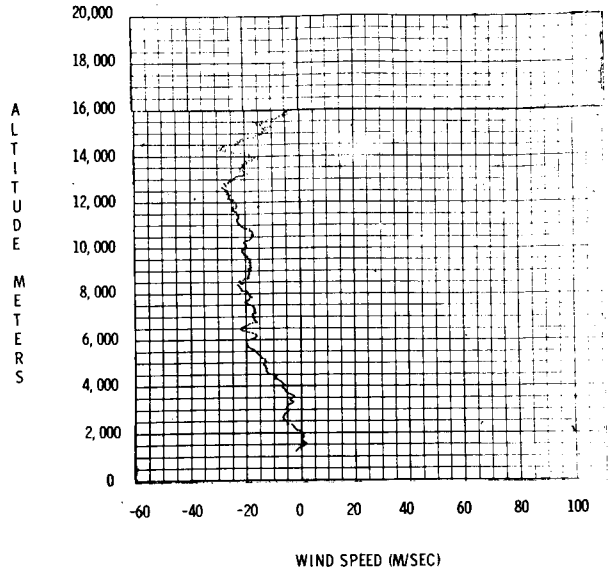
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1721 MARCH 10, 1965 2339Z ETR

FIGURE 48

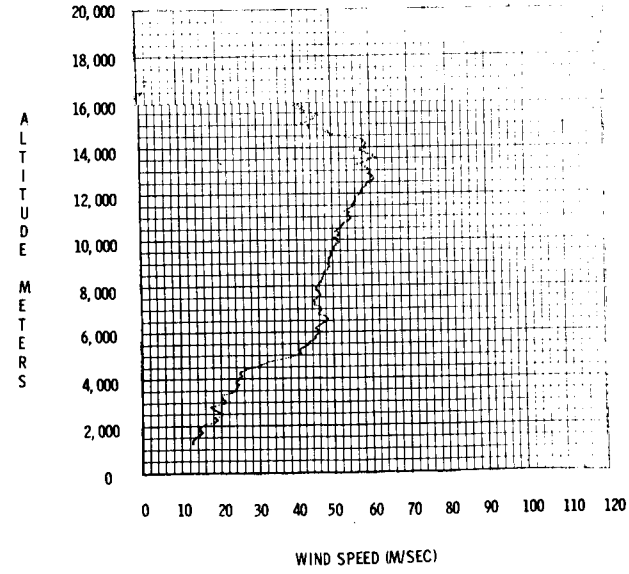
ZONAL WIND SPEED PROFILE



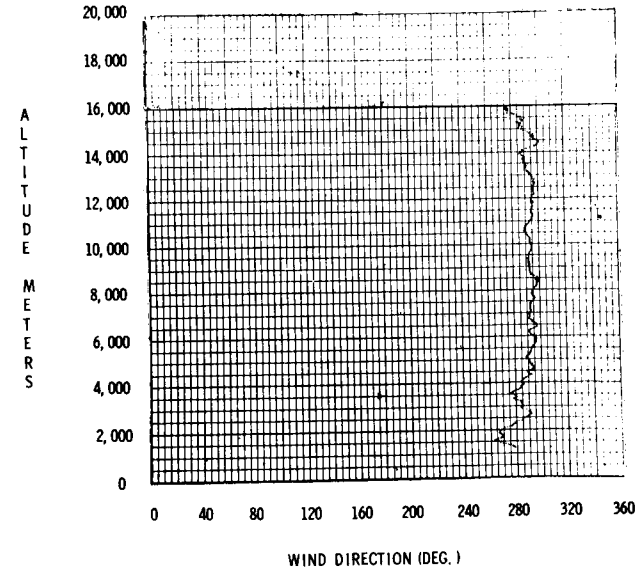
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



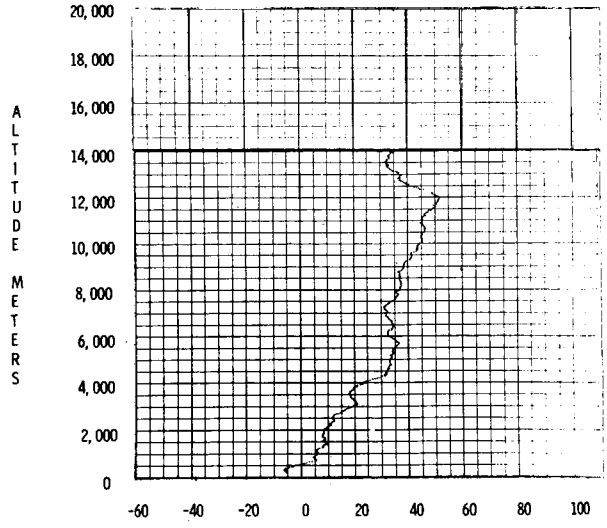
WIND DIRECTION PROFILE



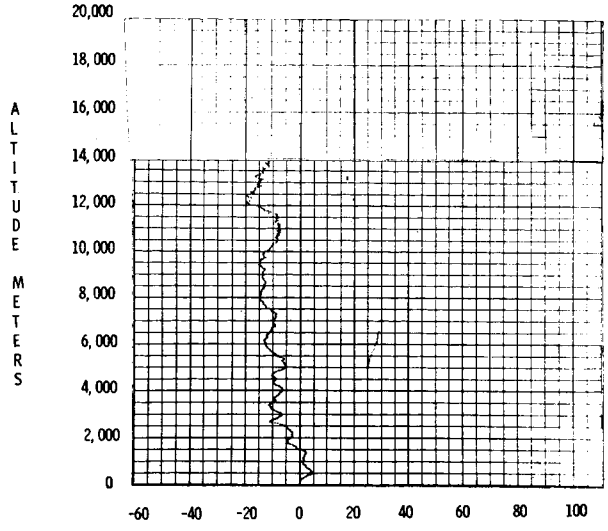
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1640 MARCH 11, 1965 0130Z ETR

FIGURE 49

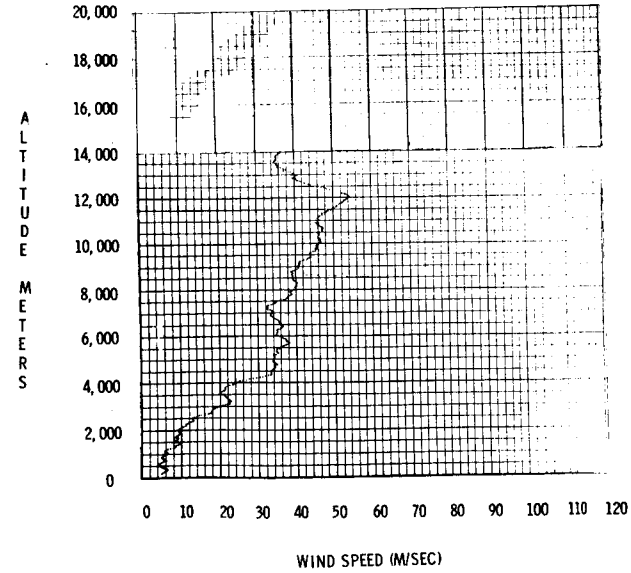
ZONAL WIND SPEED PROFILE



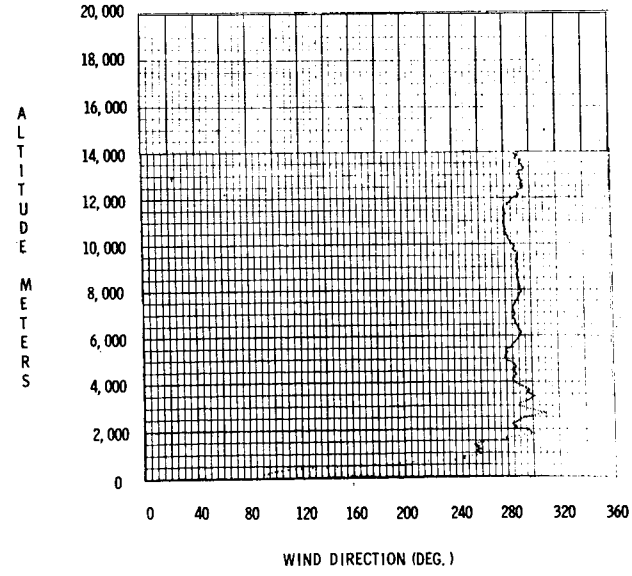
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



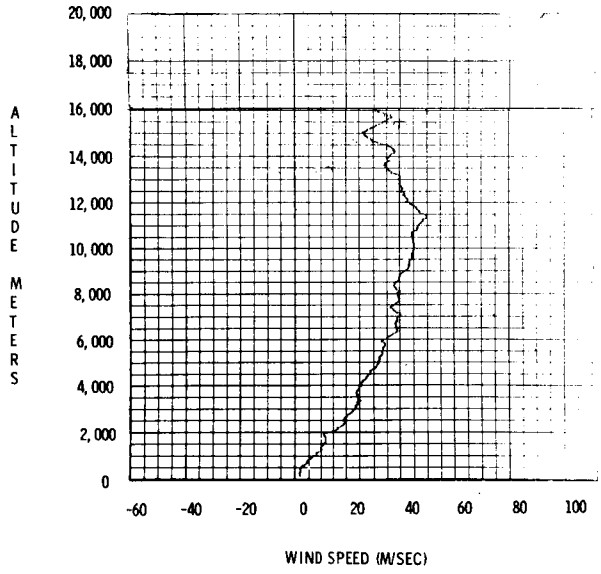
WIND DIRECTION PROFILE



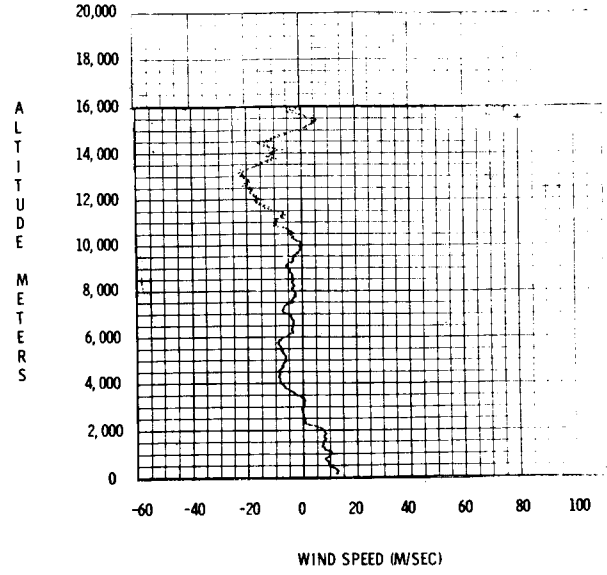
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1642 MARCH 12, 1965 0100Z ETR

FIGURE 50

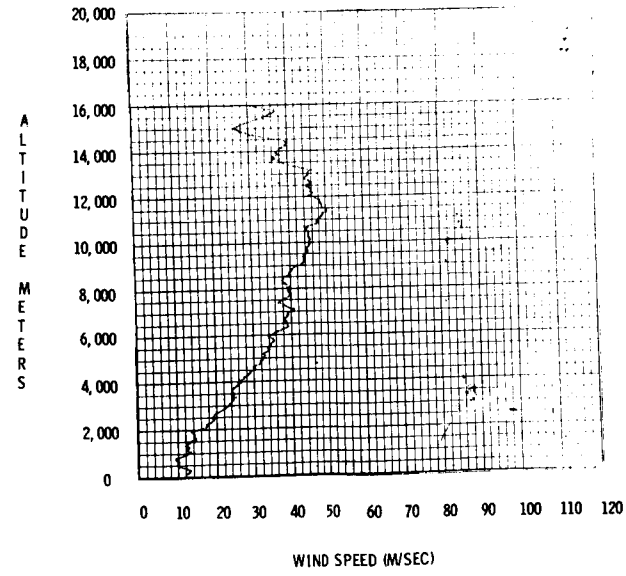
ZONAL WIND SPEED PROFILE



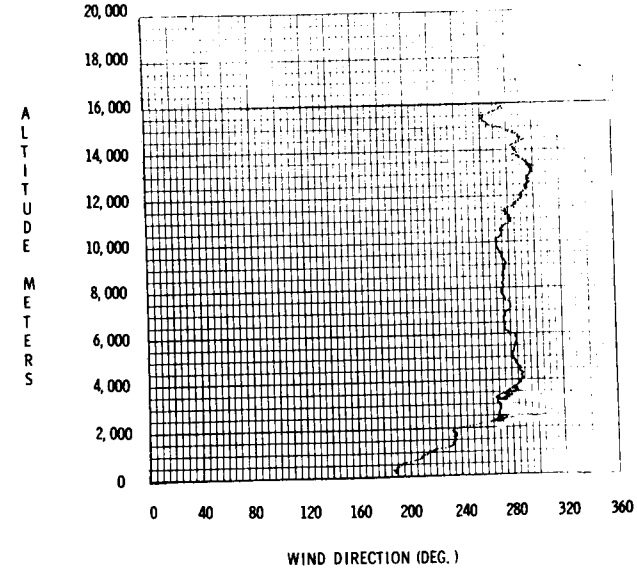
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



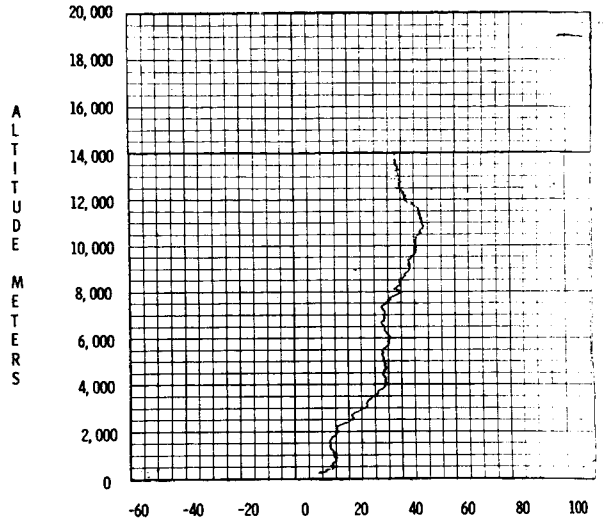
WIND DIRECTION PROFILE



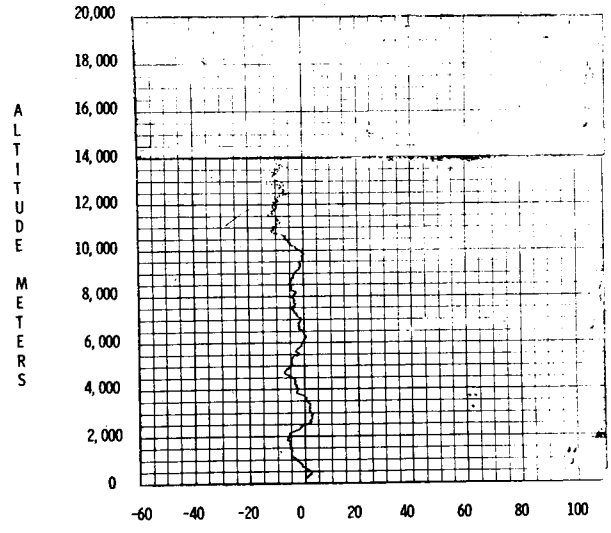
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1643 MARCH 12, 1965 1306Z ETR

FIGURE 51

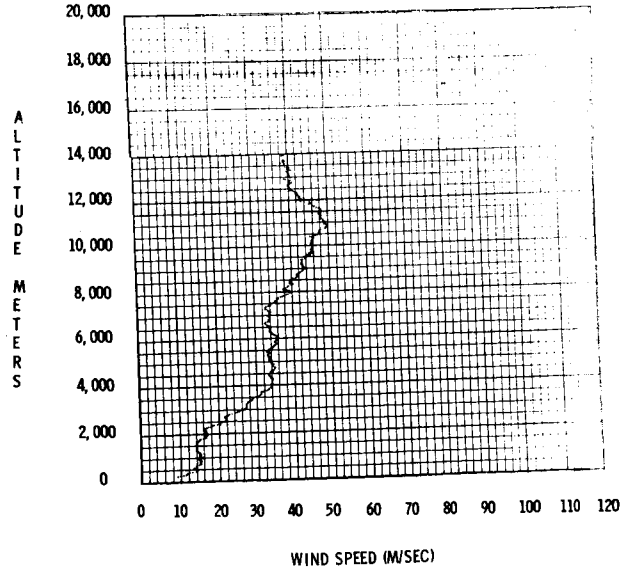
ZONAL WIND SPEED PROFILE



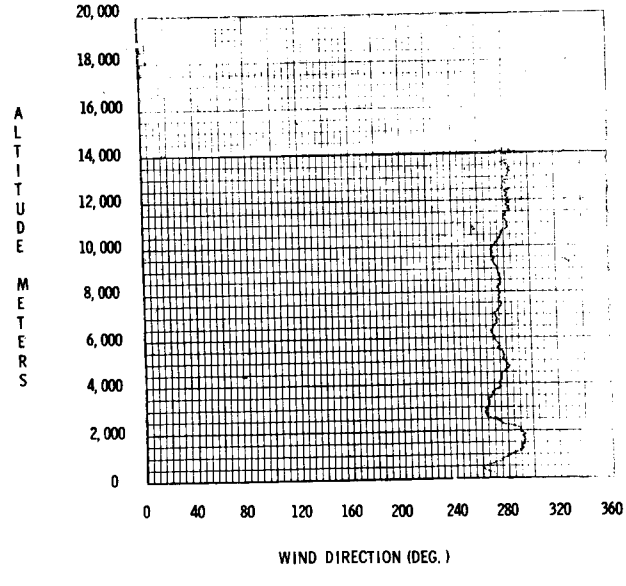
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



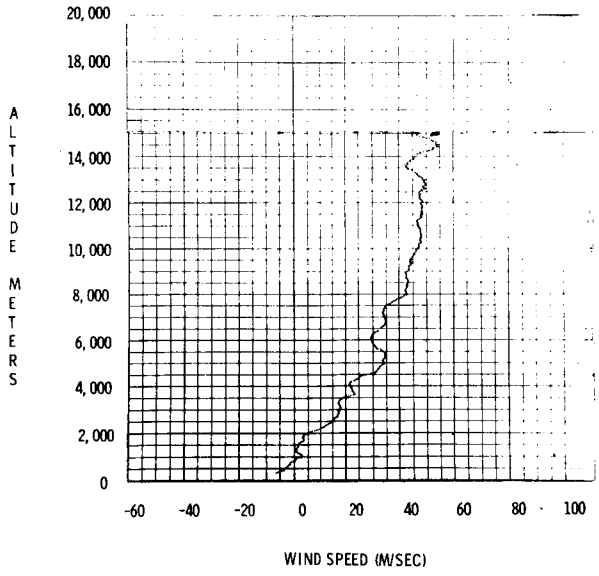
WIND DIRECTION PROFILE



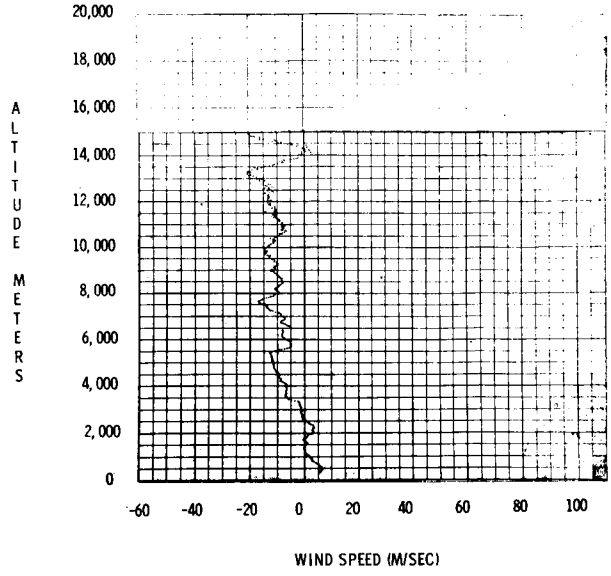
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1644 MARCH 13, 1965 0122Z ETR

FIGURE 52

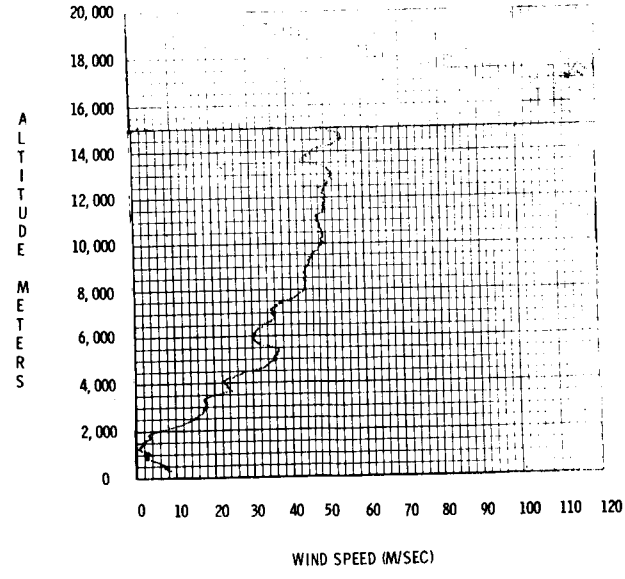
ZONAL WIND SPEED PROFILE



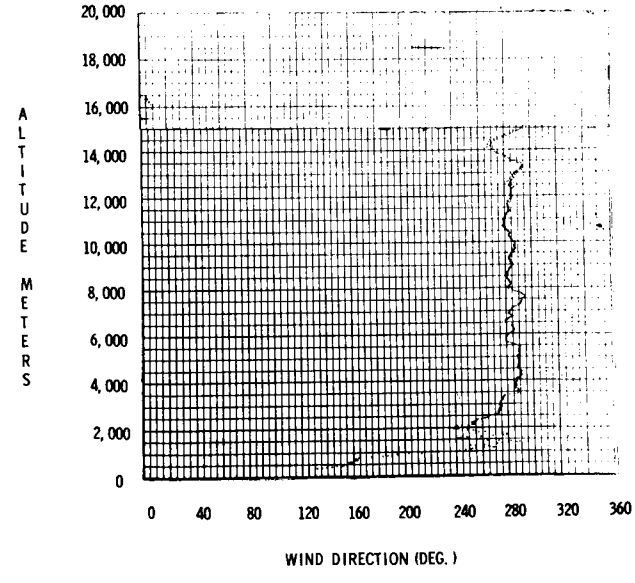
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



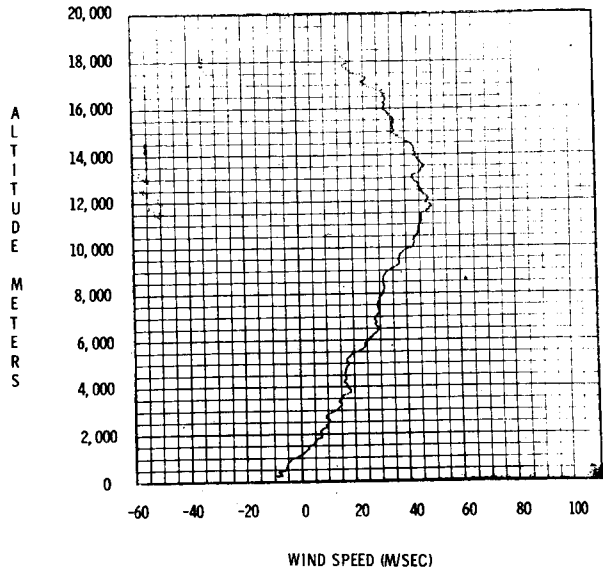
WIND DIRECTION PROFILE



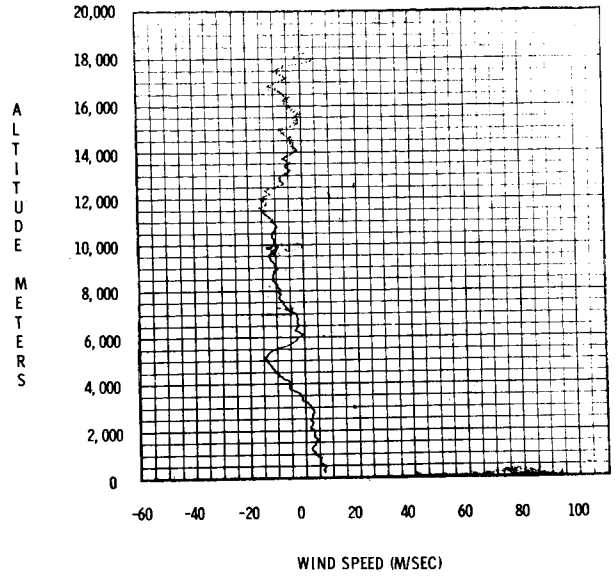
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1800 MARCH 16, 1965 0100Z ETR

FIGURE 53

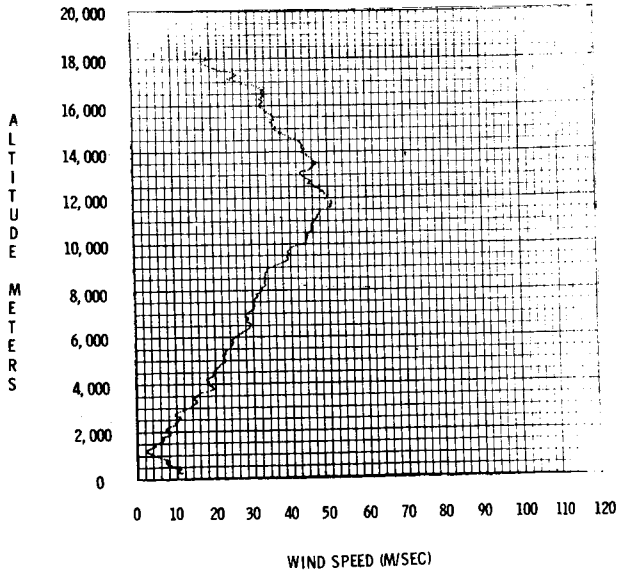
ZONAL WIND SPEED PROFILE



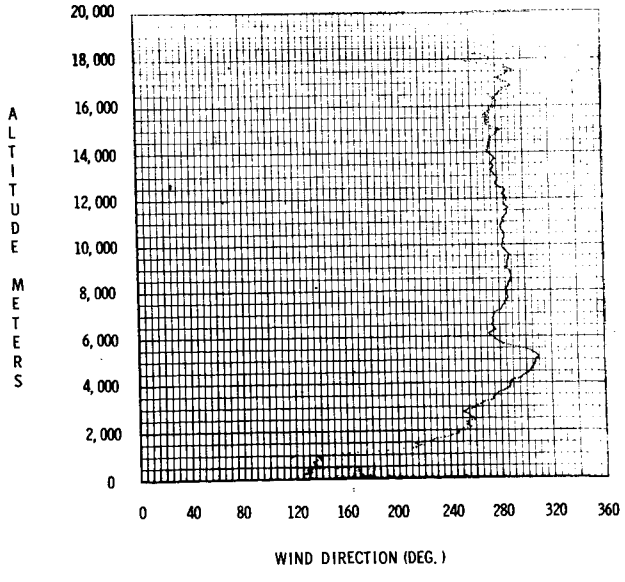
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



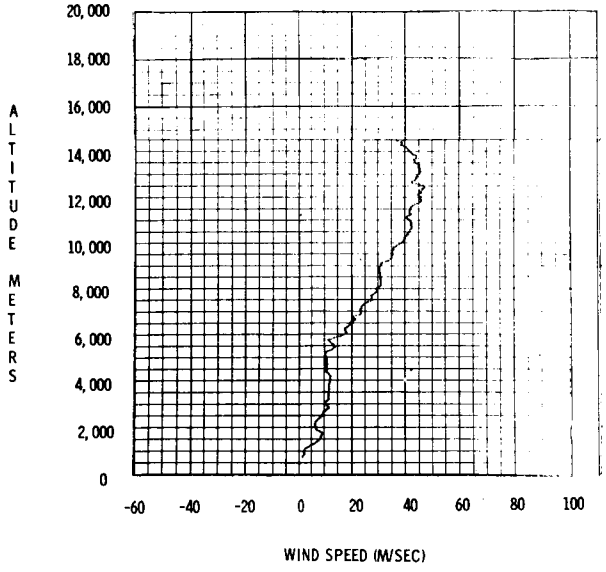
WIND DIRECTION PROFILE



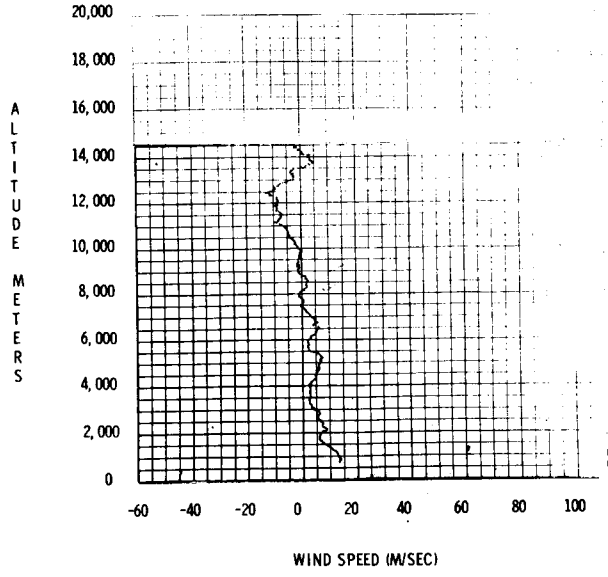
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1801 MARCH 17, 1965 0100Z ETR

FIGURE 54

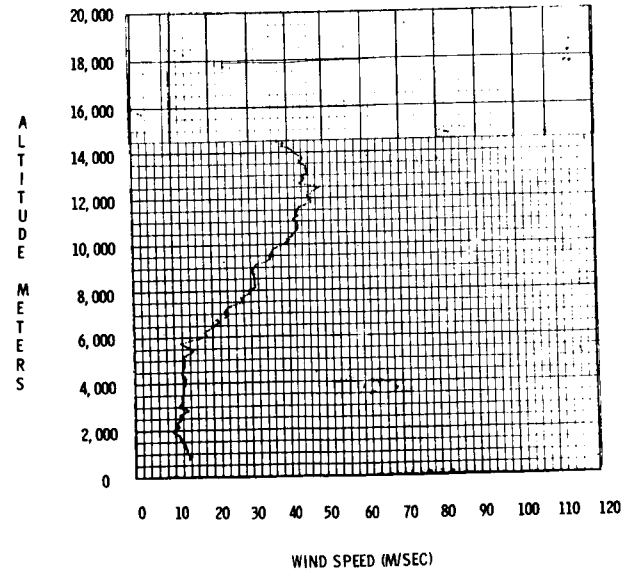
ZONAL WIND SPEED PROFILE



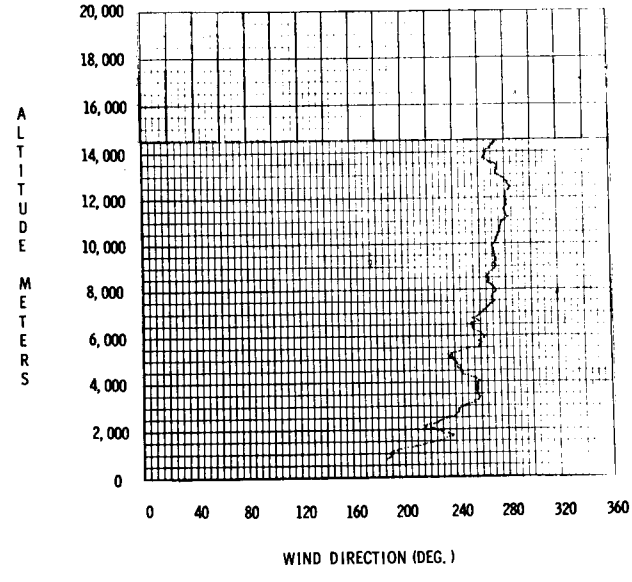
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



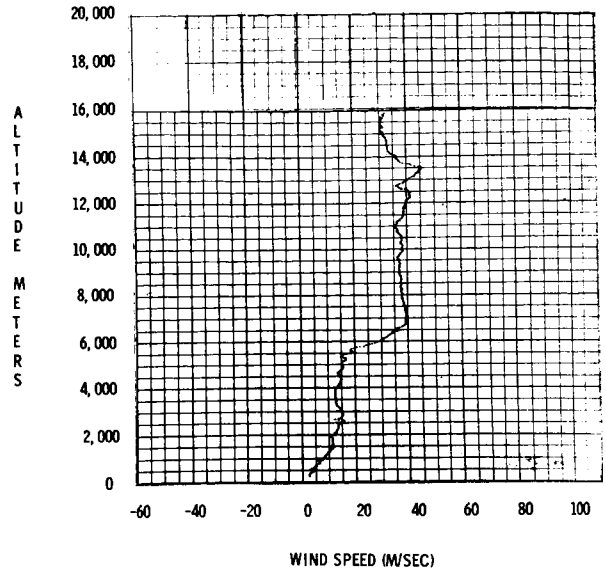
WIND DIRECTION PROFILE



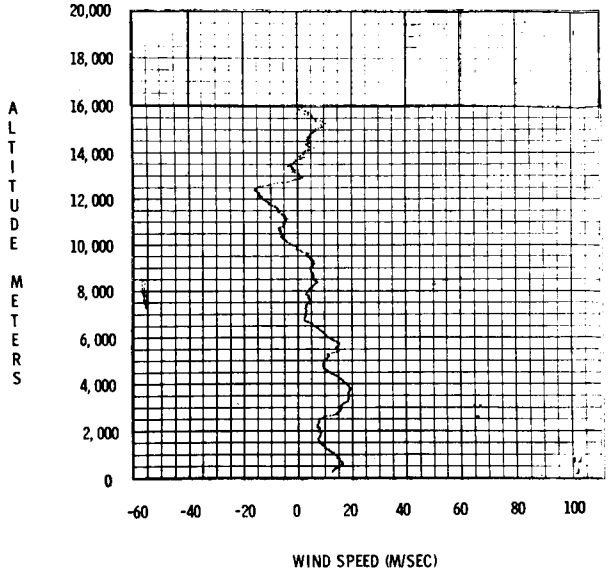
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1807 MARCH 17, 1965 1332Z ETR

FIGURE 55

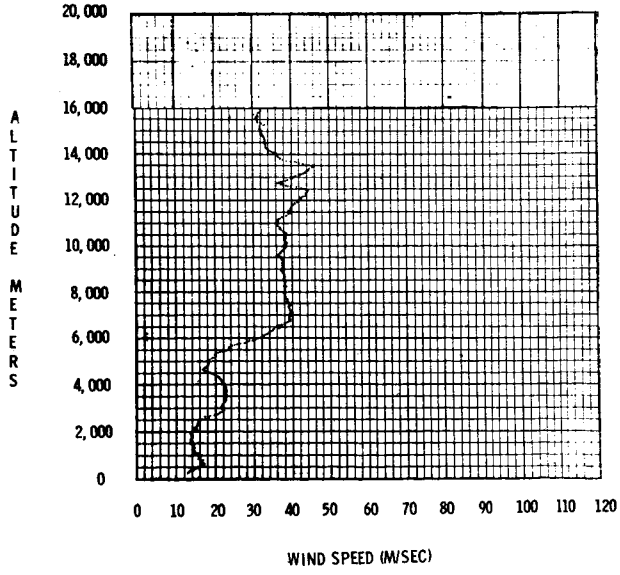
ZONAL WIND SPEED PROFILE



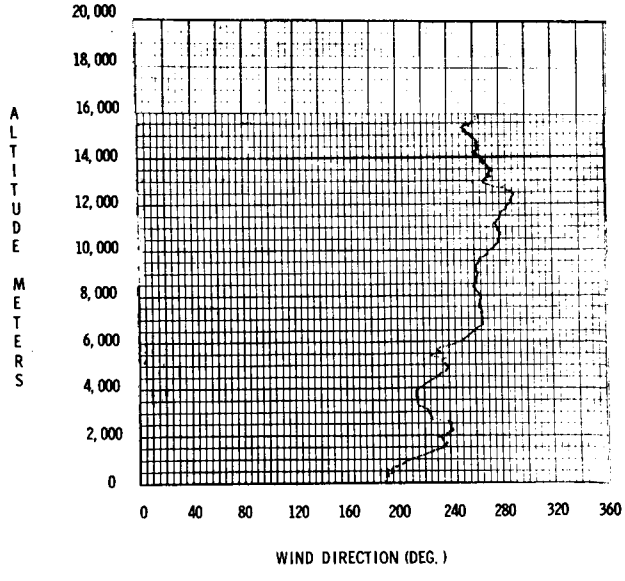
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



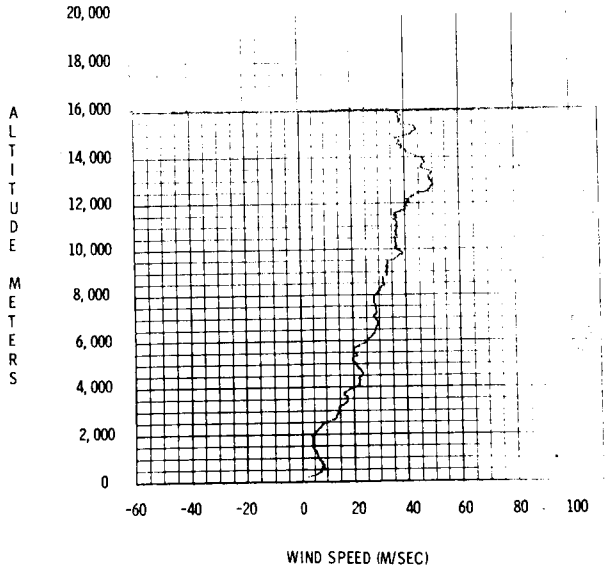
WIND DIRECTION PROFILE



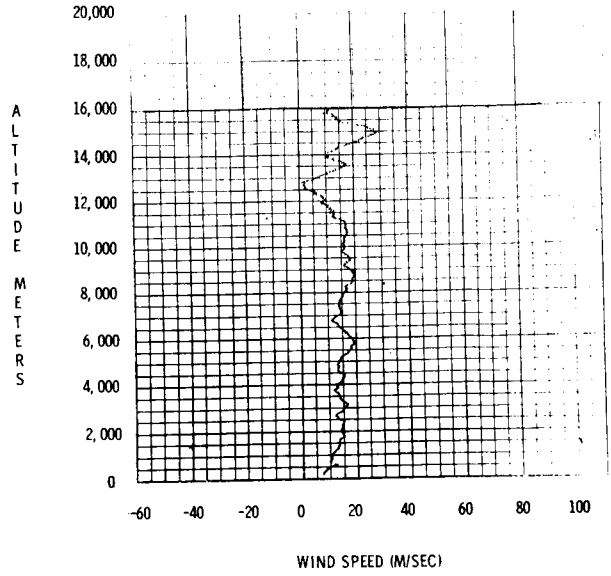
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1912 MARCH 18, 1965 0100Z ETR

FIGURE 56

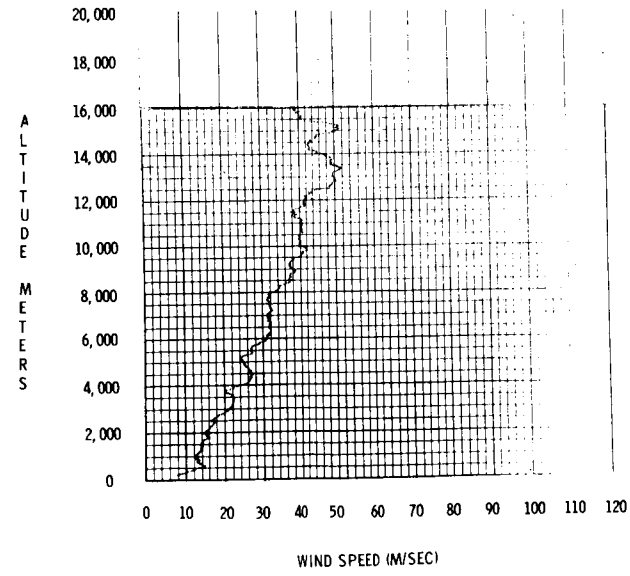
ZONAL WIND SPEED PROFILE



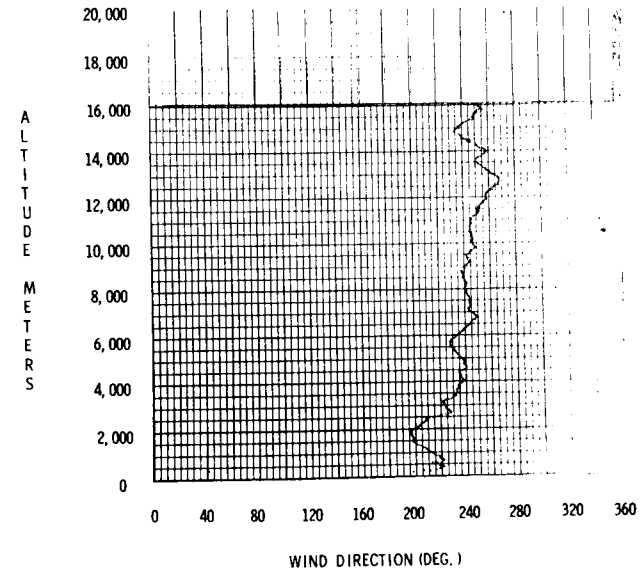
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



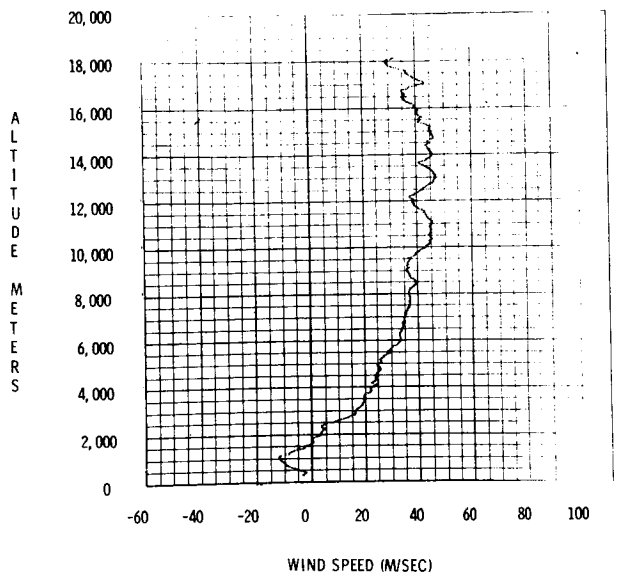
WIND DIRECTION PROFILE



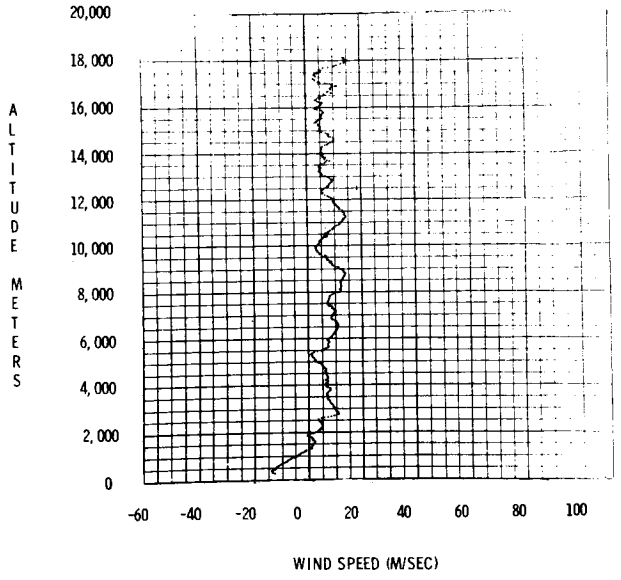
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1804 MARCH 20, 1965 0100Z ETR

FIGURE 57

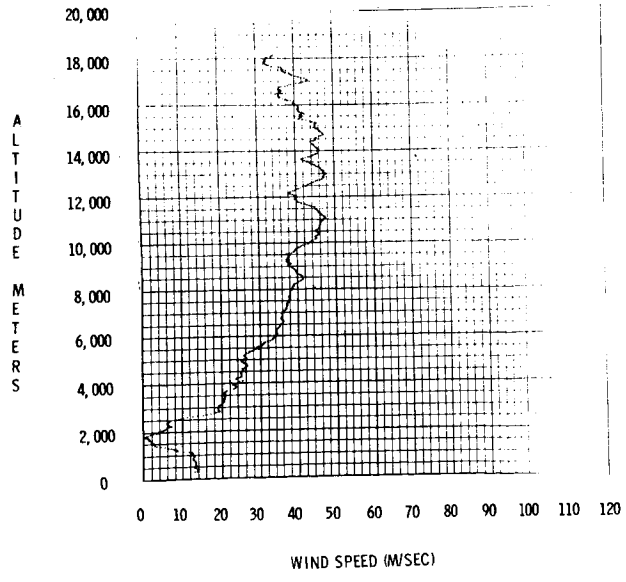
ZONAL WIND SPEED PROFILE



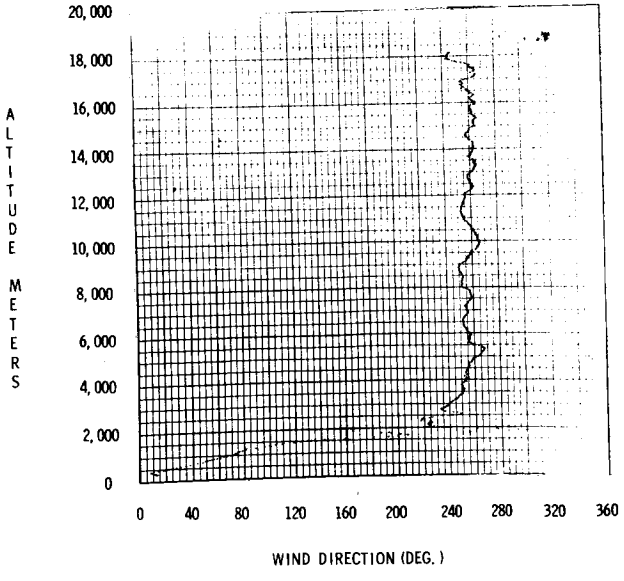
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



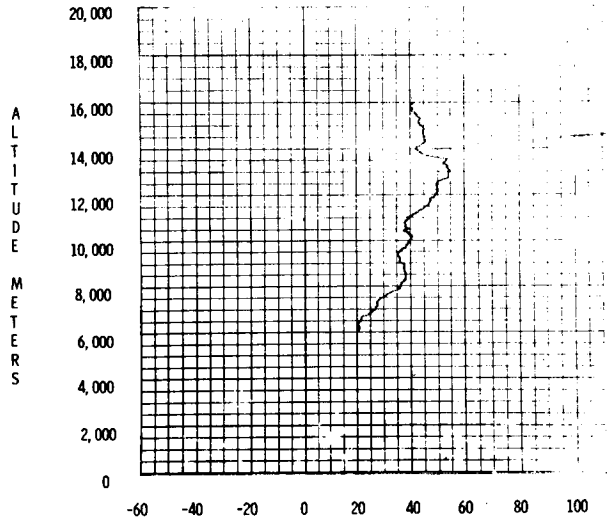
WIND DIRECTION PROFILE



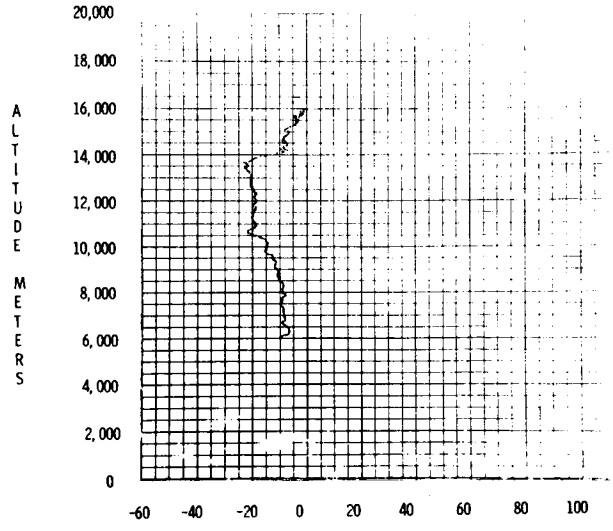
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1817 MARCH 21, 1965 2338Z ETR

FIGURE 58

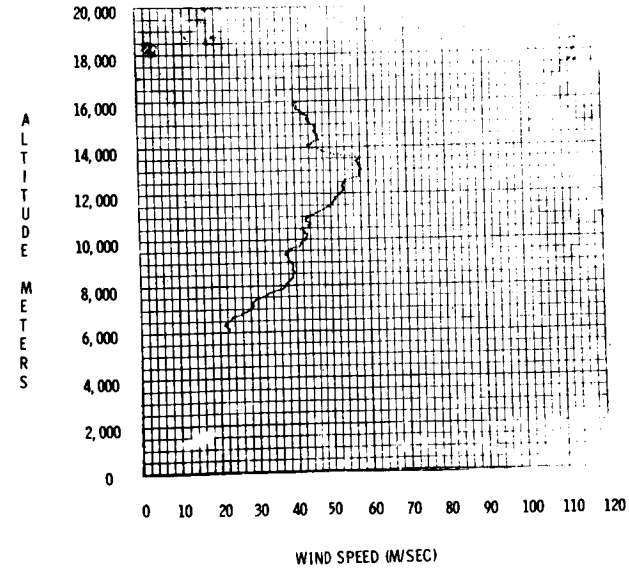
ZONAL WIND SPEED PROFILE



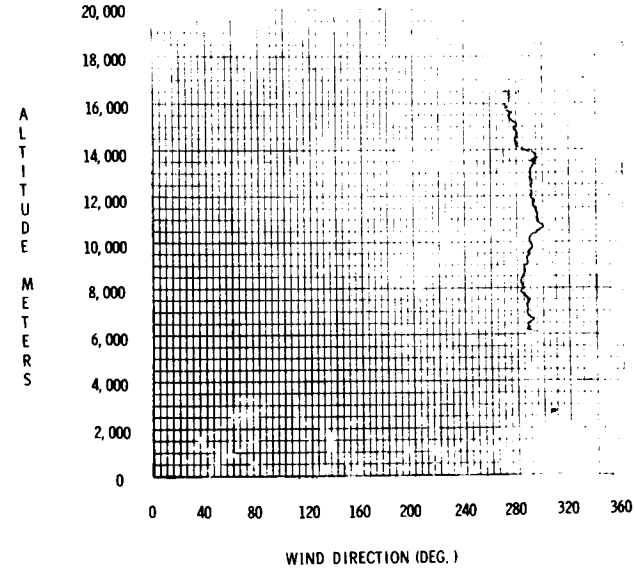
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



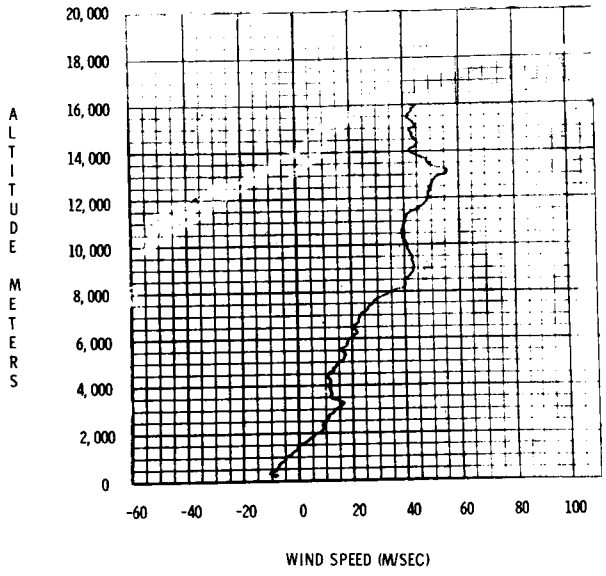
WIND DIRECTION PROFILE



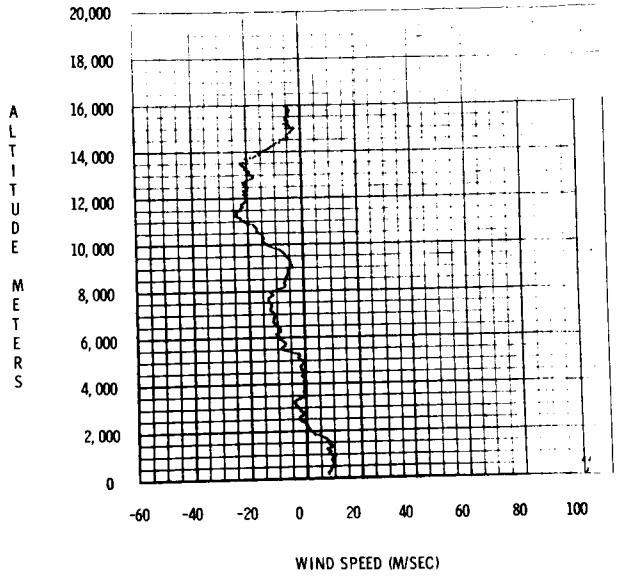
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1989 MARCH 23, 1965 0012Z ETR

FIGURE 59

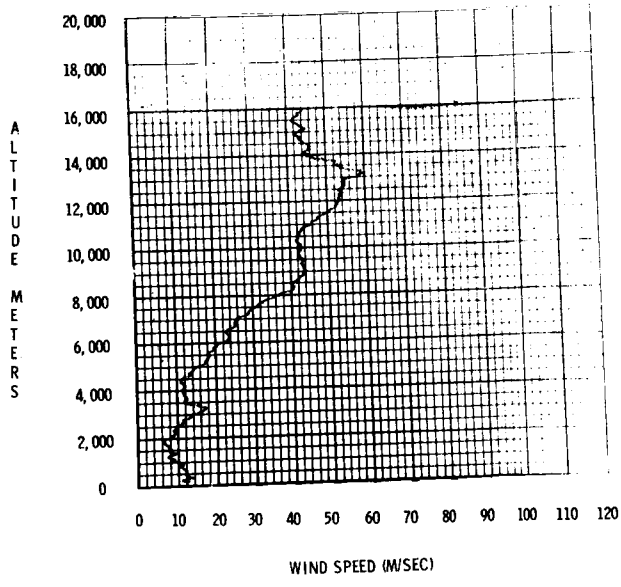
ZONAL WIND SPEED PROFILE



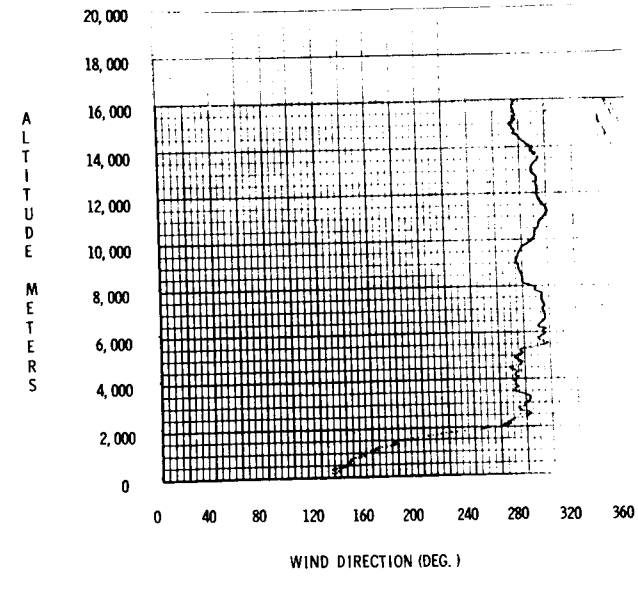
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



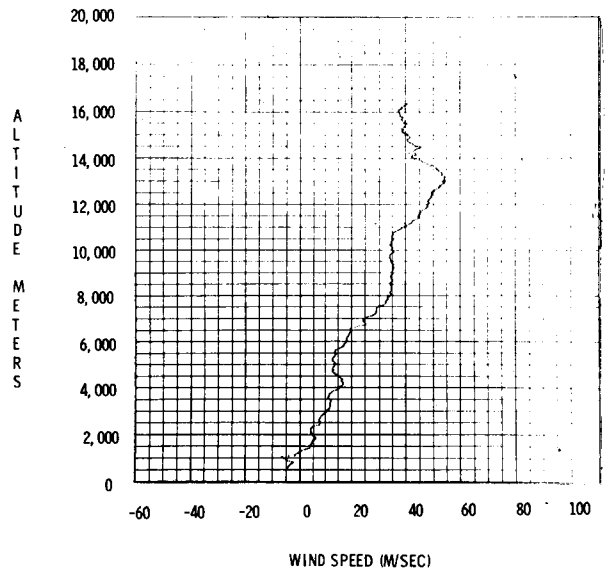
WIND DIRECTION PROFILE



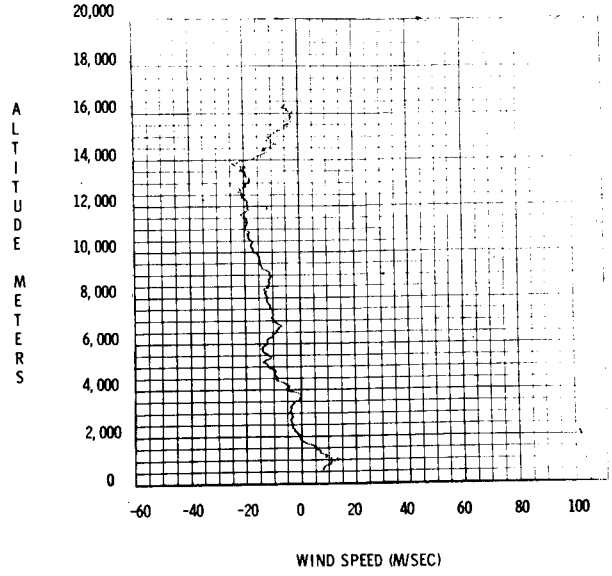
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1988 MARCH 23, 1965 0800Z ETR

FIGURE 60

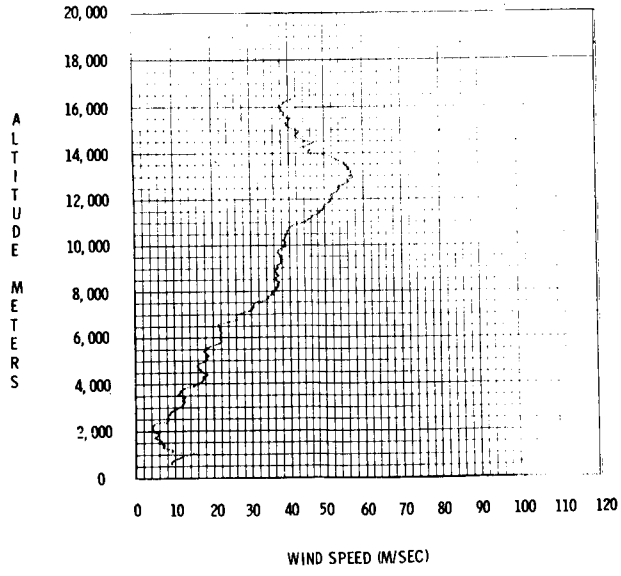
ZONAL WIND SPEED PROFILE



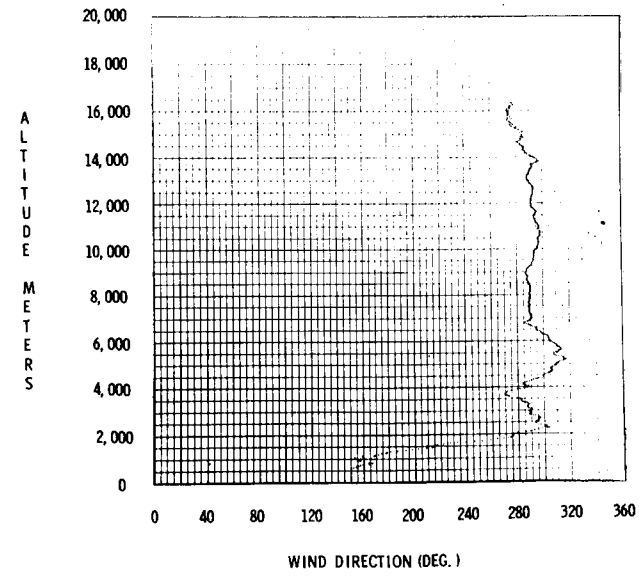
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



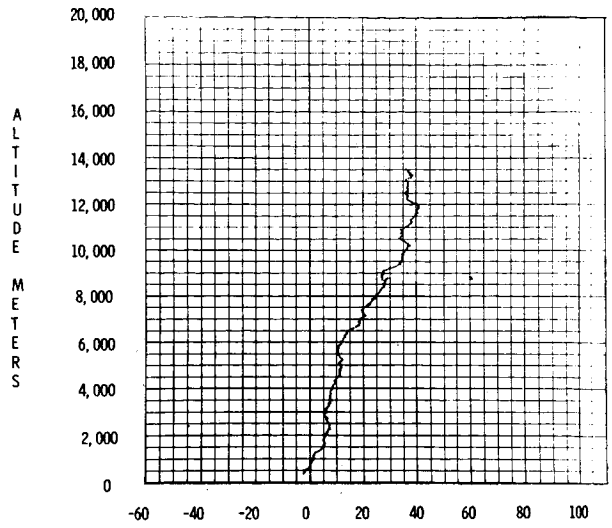
WIND DIRECTION PROFILE



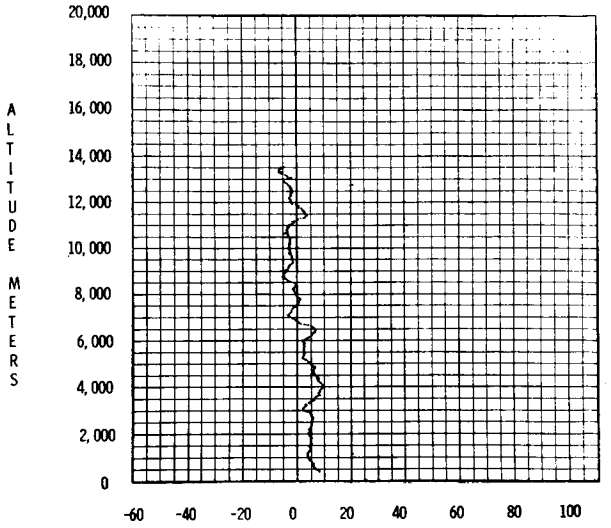
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1990 MARCH 23, 1965 1141Z ETR

FIGURE 61

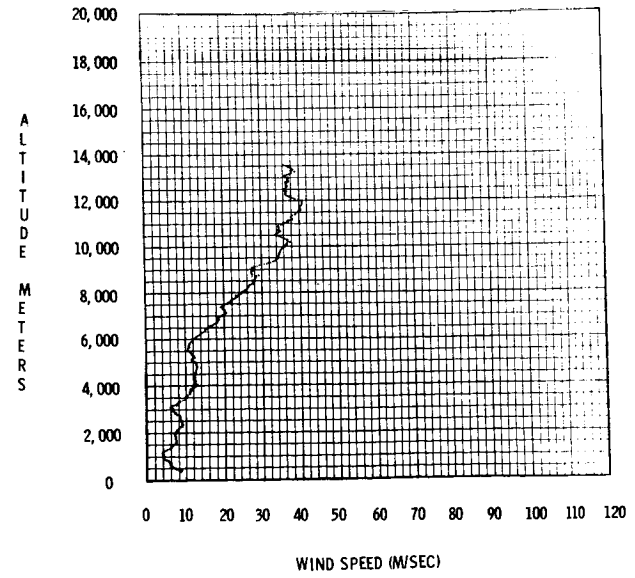
ZONAL WIND SPEED PROFILE



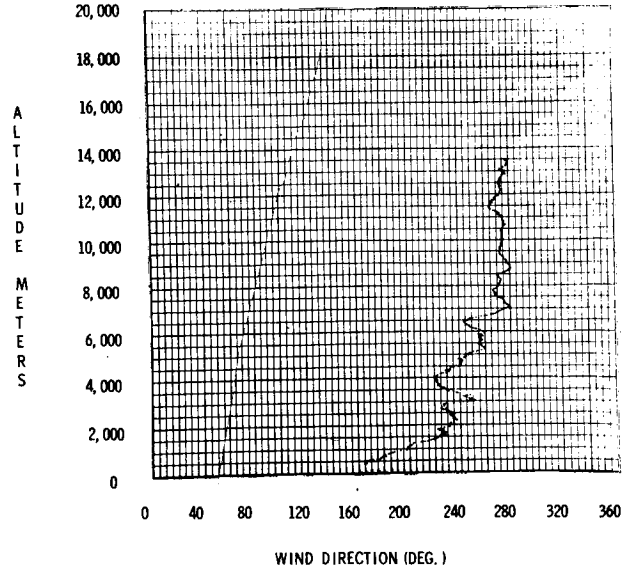
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



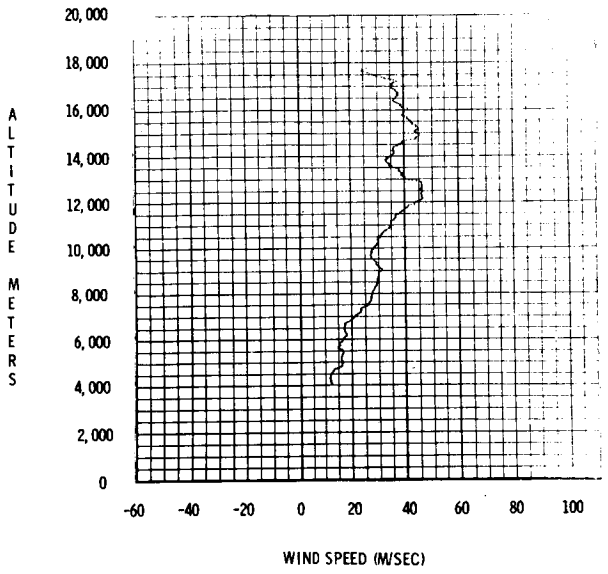
WIND DIRECTION PROFILE



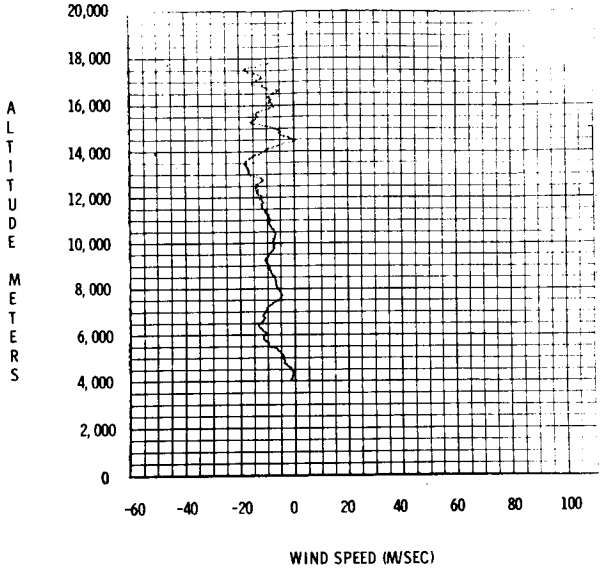
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1998 MARCH 24, 1965 0100Z ETR

FIGURE 62

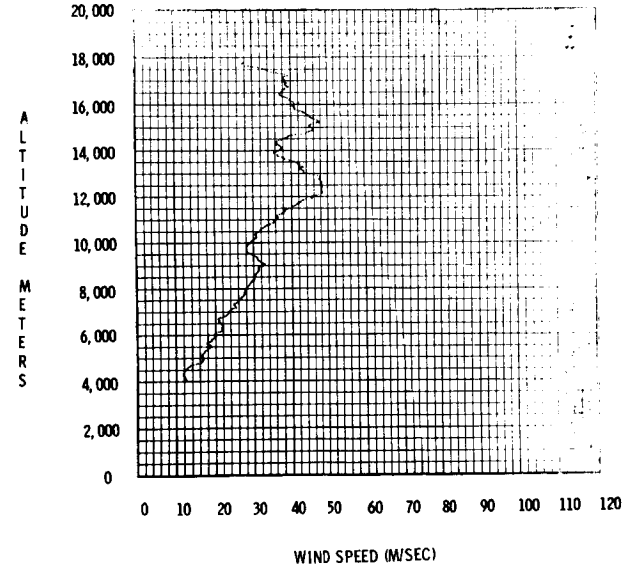
ZONAL WIND SPEED PROFILE



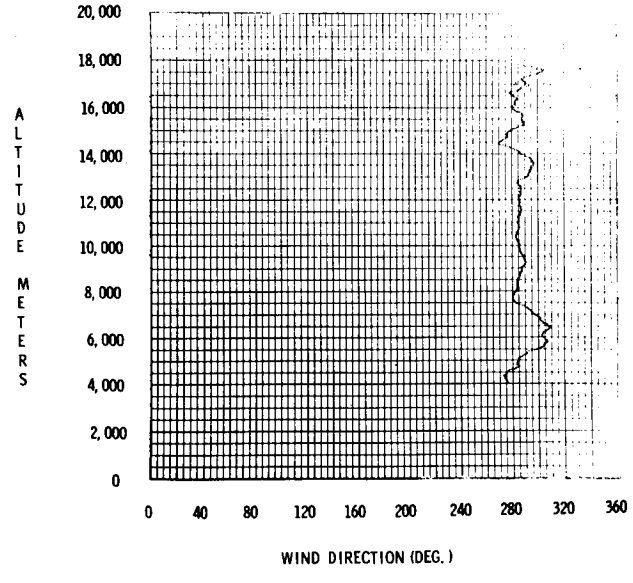
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



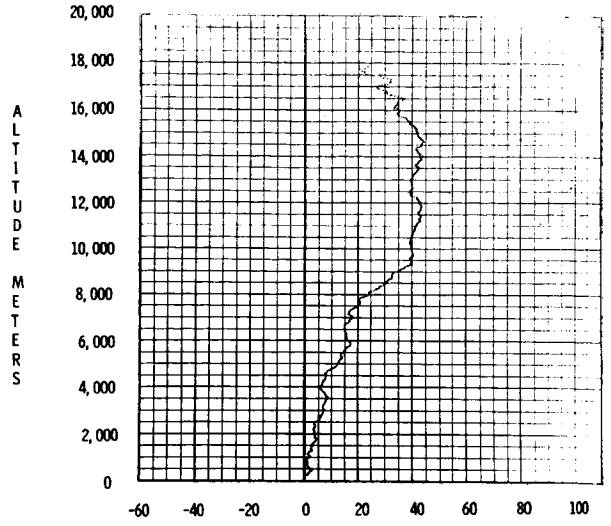
WIND DIRECTION PROFILE



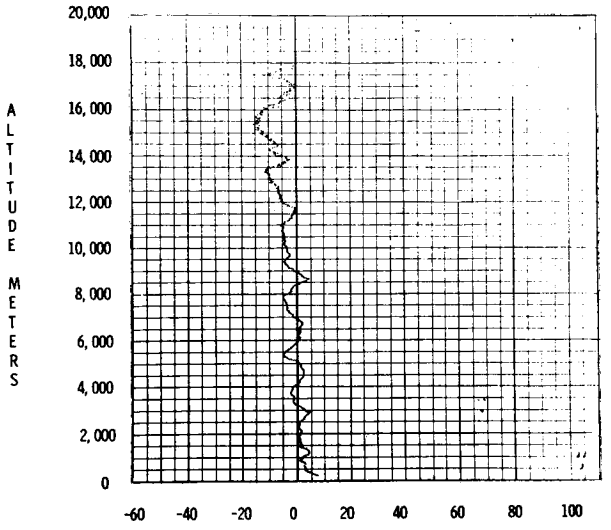
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1997 MARCH 24, 1965 0112Z ETR

FIGURE 63

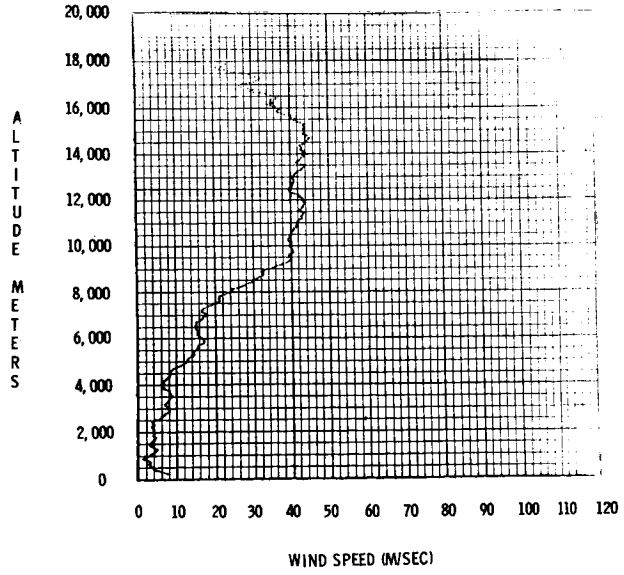
ZONAL WIND SPEED PROFILE



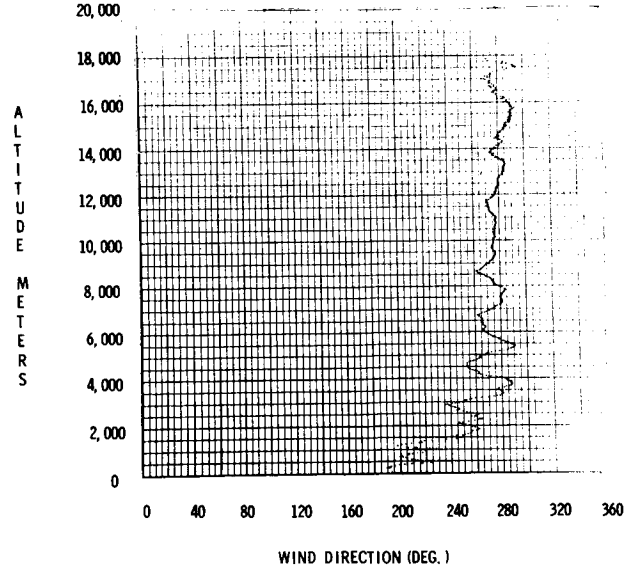
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



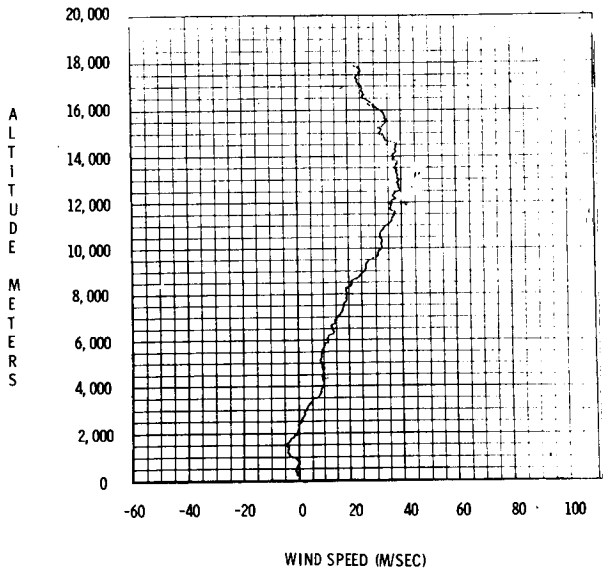
WIND DIRECTION PROFILE



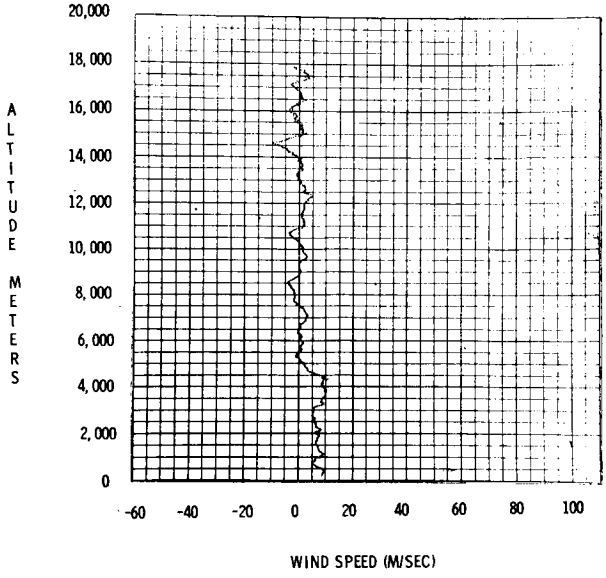
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1994 MARCH 24, 1965 1300Z ETR

FIGURE 64

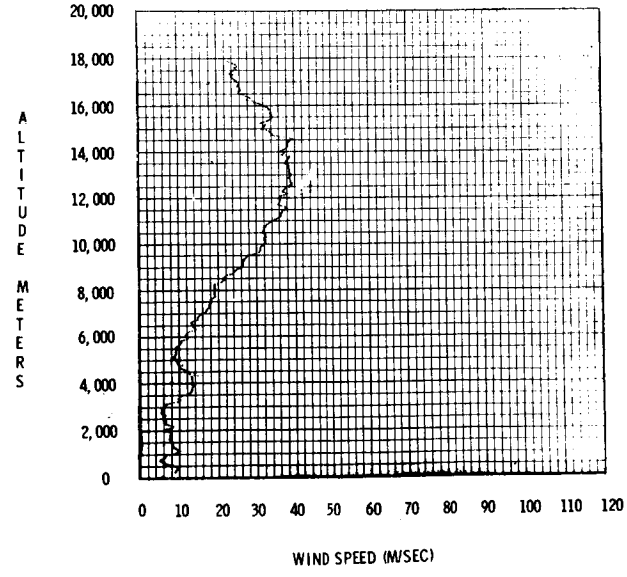
ZONAL WIND SPEED PROFILE



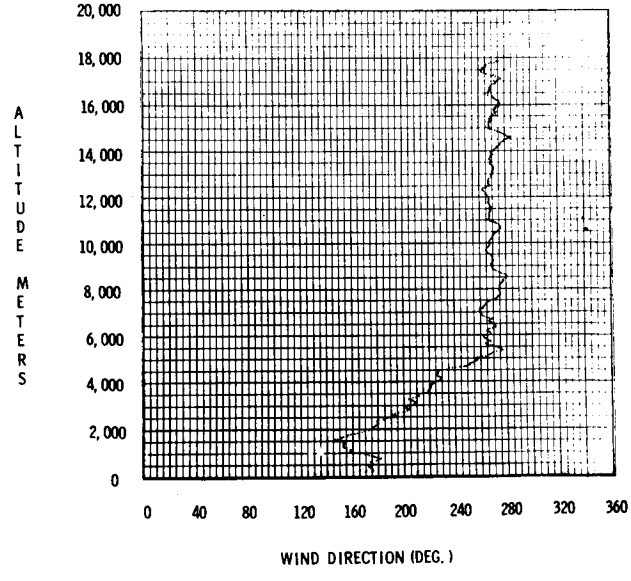
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



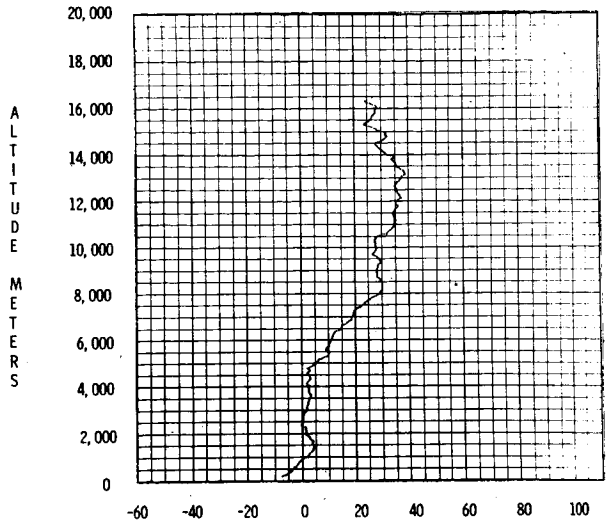
WIND DIRECTION PROFILE



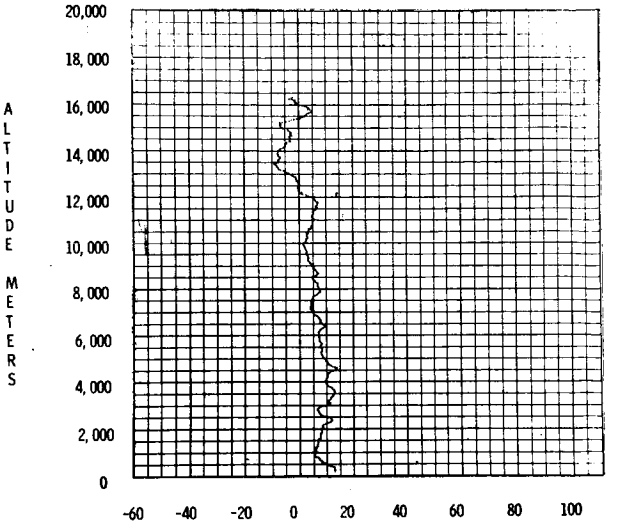
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1995 MARCH 25, 1965 1300Z ETR

FIGURE 65

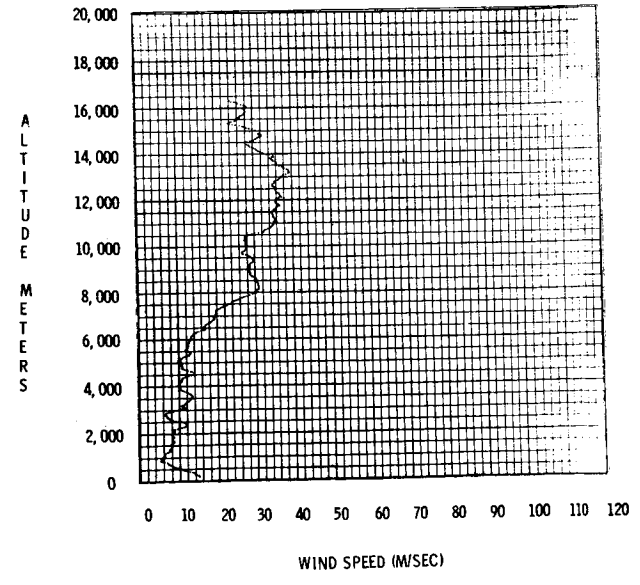
ZONAL WIND SPEED PROFILE



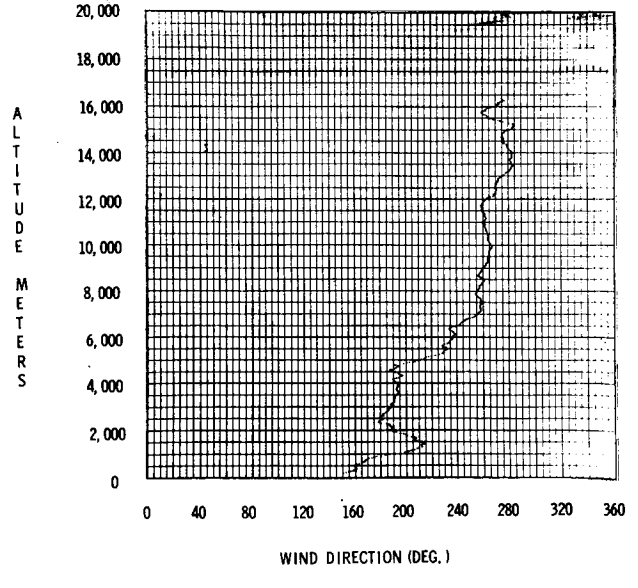
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



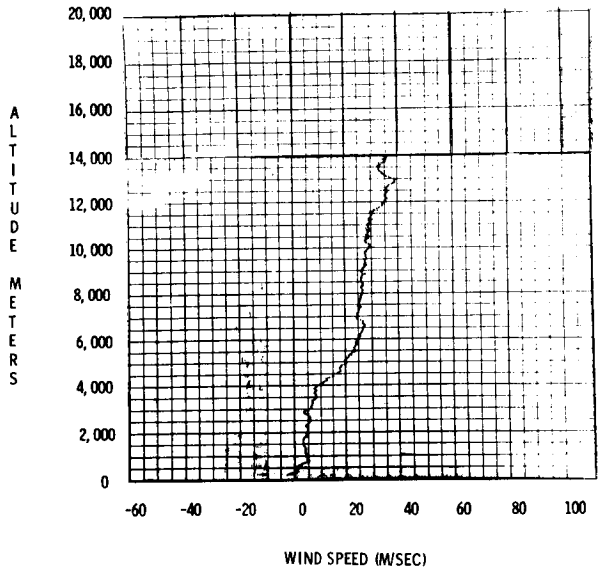
WIND DIRECTION PROFILE



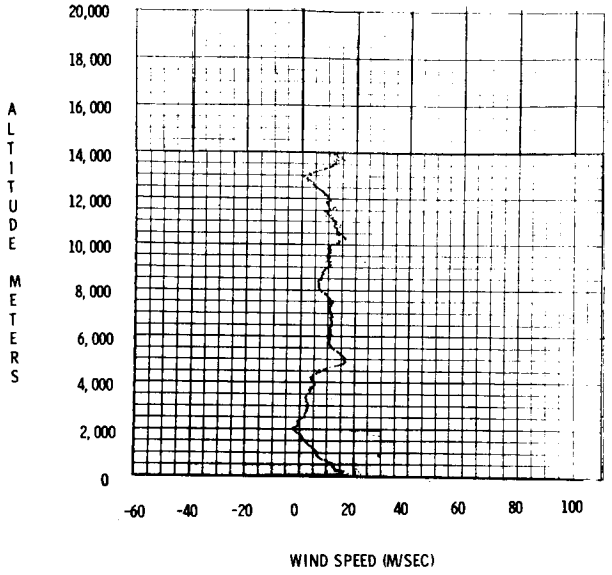
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1999 MARCH 26, 1965 0015Z ETR

FIGURE 66

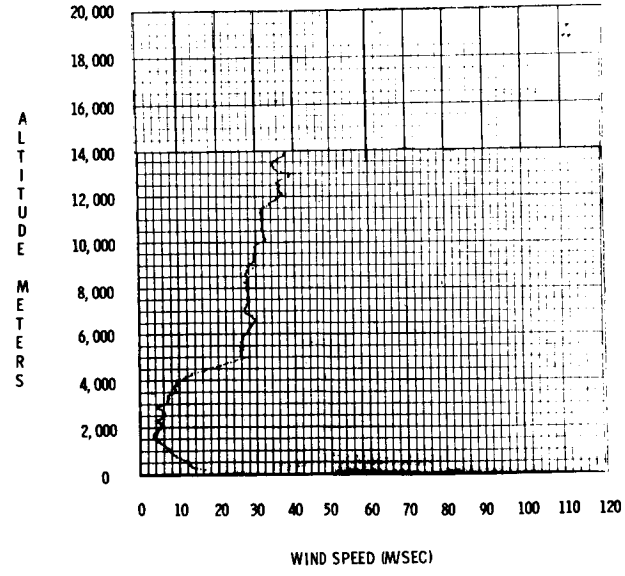
ZONAL WIND SPEED PROFILE



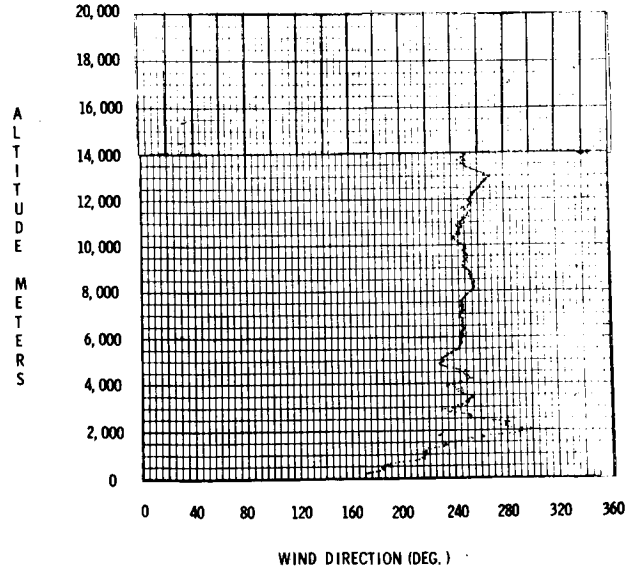
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



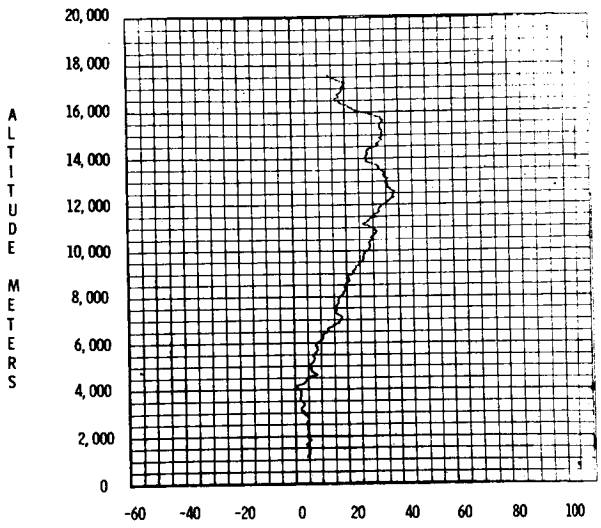
WIND DIRECTION PROFILE



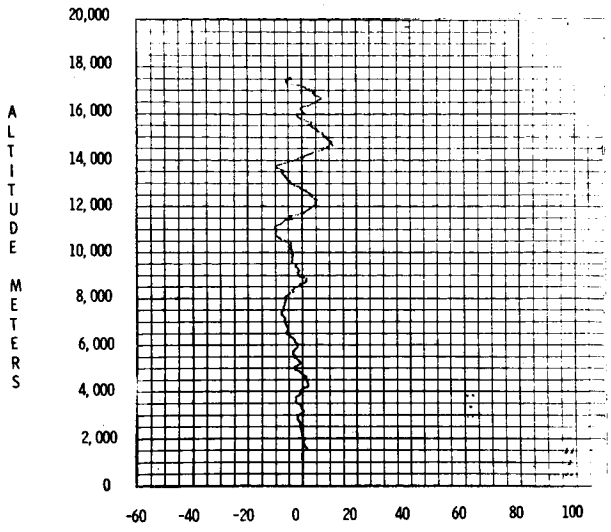
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 1916 MARCH 27, 1965 0119Z ETR

FIGURE 67

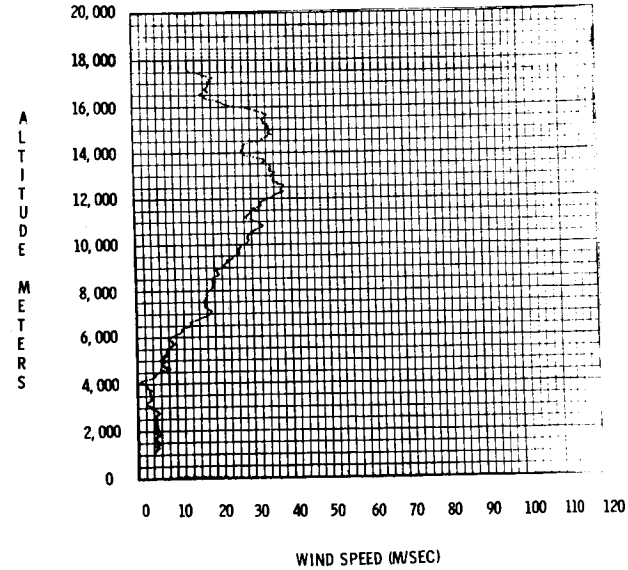
ZONAL WIND SPEED PROFILE



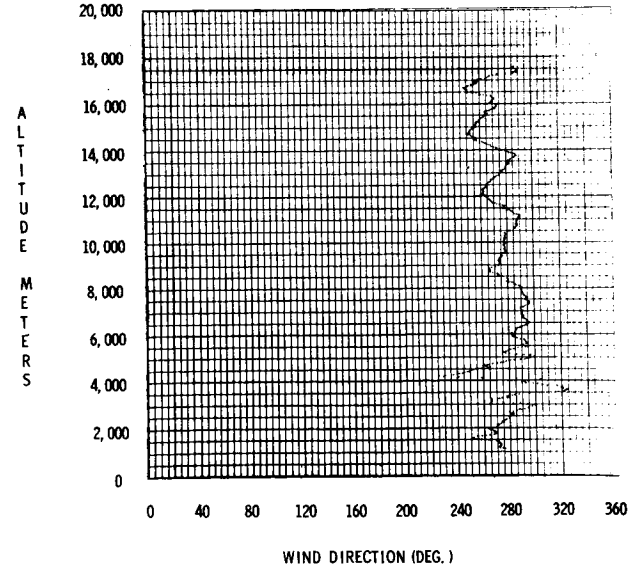
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



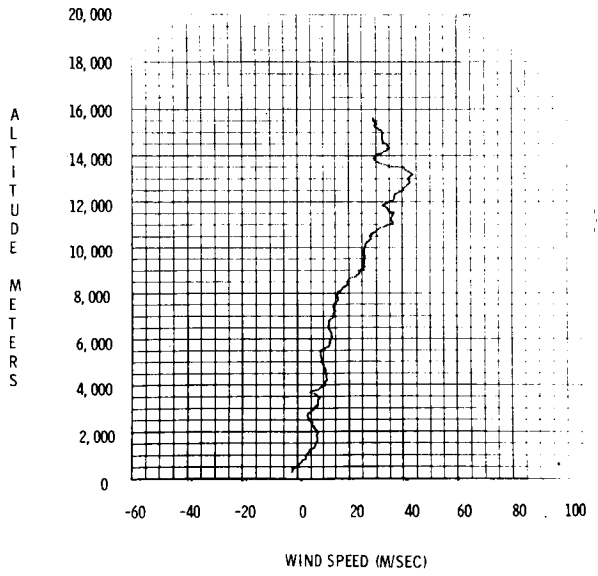
WIND DIRECTION PROFILE



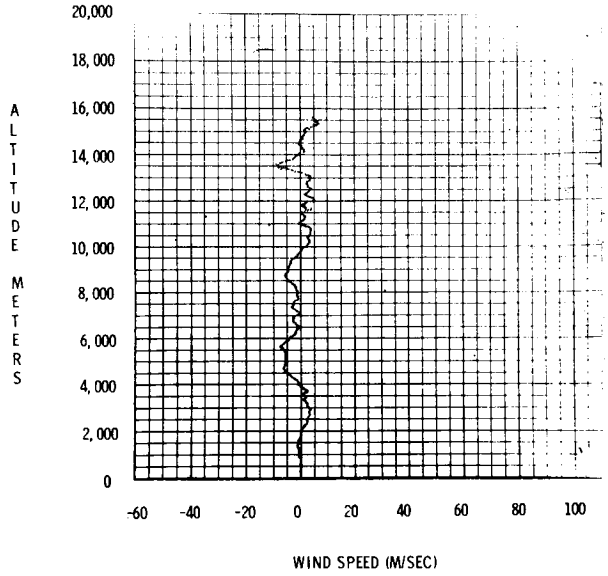
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2113 MARCH 30, 1965 0103Z ETR

FIGURE 68

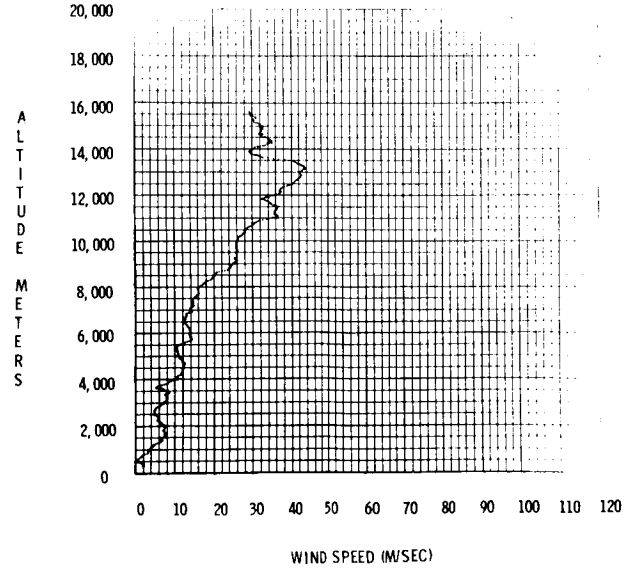
ZONAL WIND SPEED PROFILE



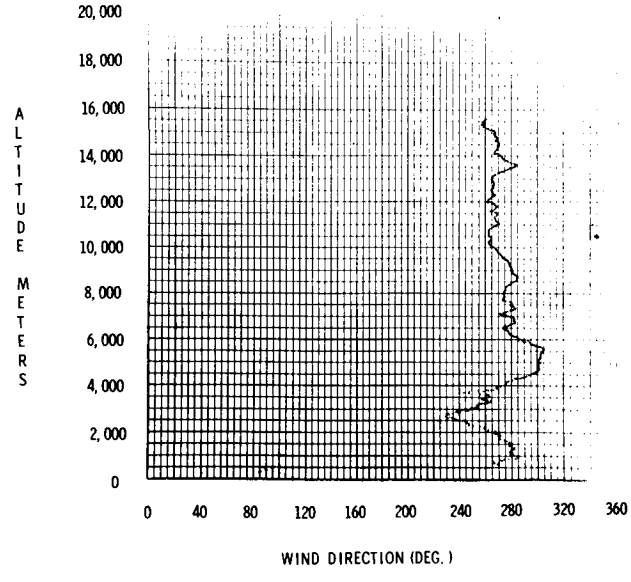
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



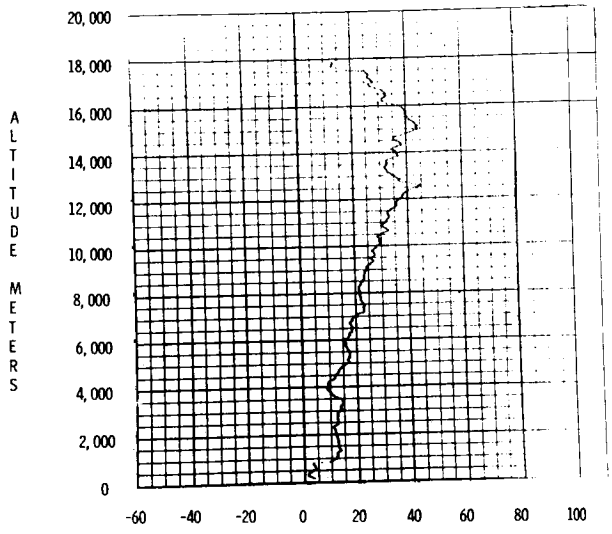
WIND DIRECTION PROFILE



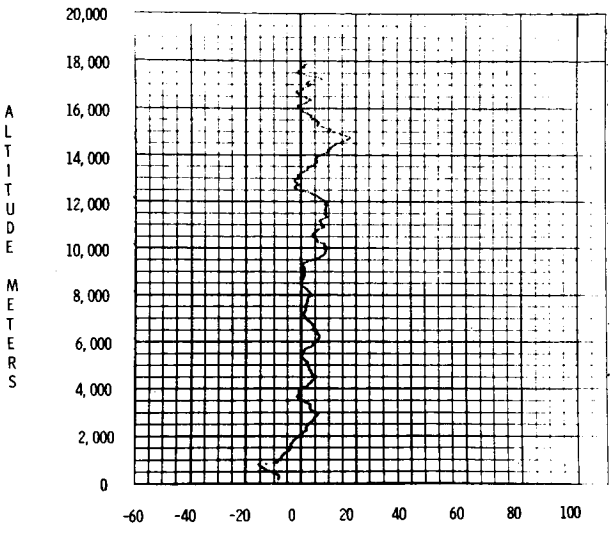
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2119 MARCH 30, 1965 1800Z ETR

FIGURE 69

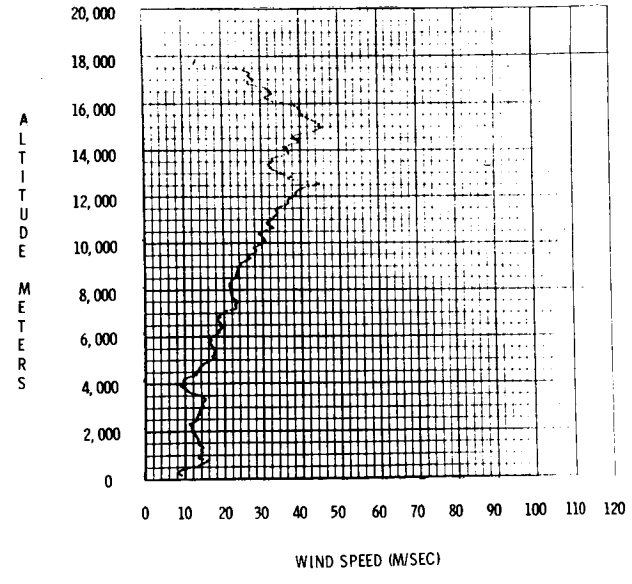
ZONAL WIND SPEED PROFILE



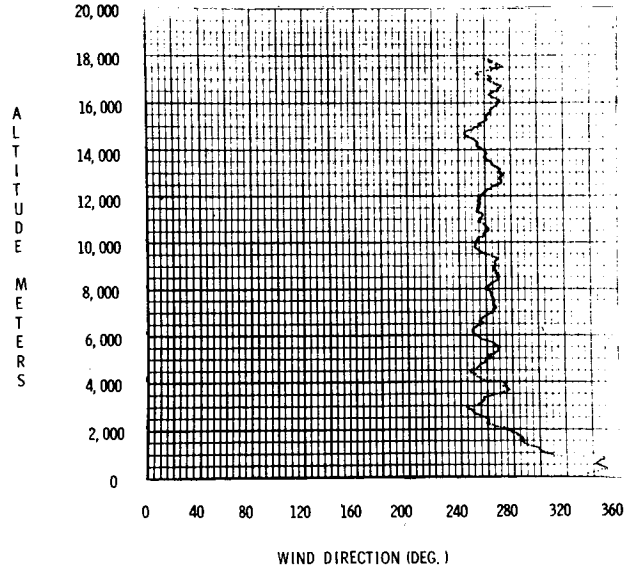
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



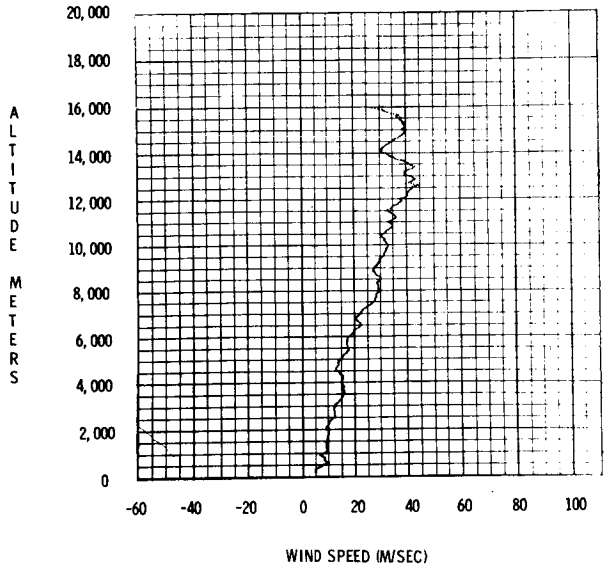
WIND DIRECTION PROFILE



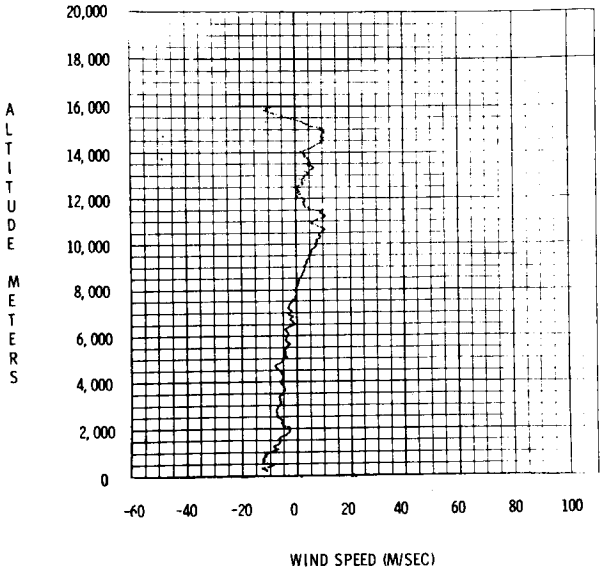
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2115 APRIL 1, 1965 0100Z ETR

FIGURE 70

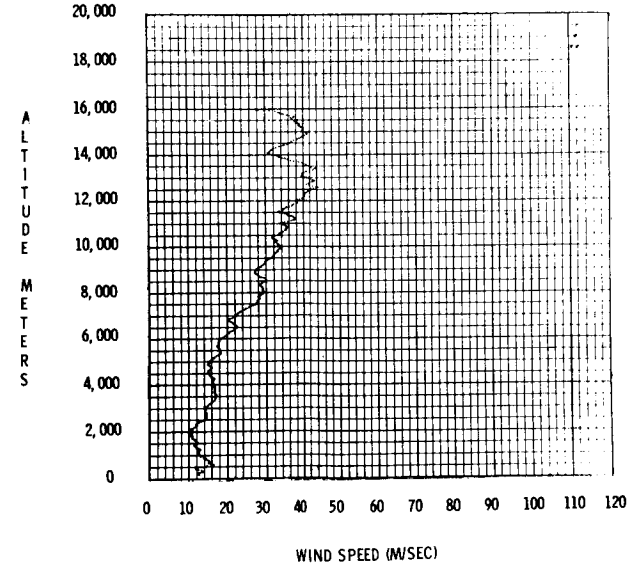
ZONAL WIND SPEED PROFILE



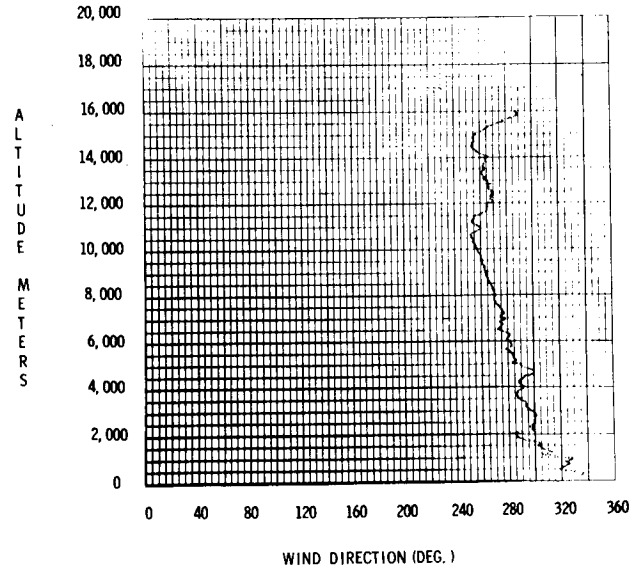
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



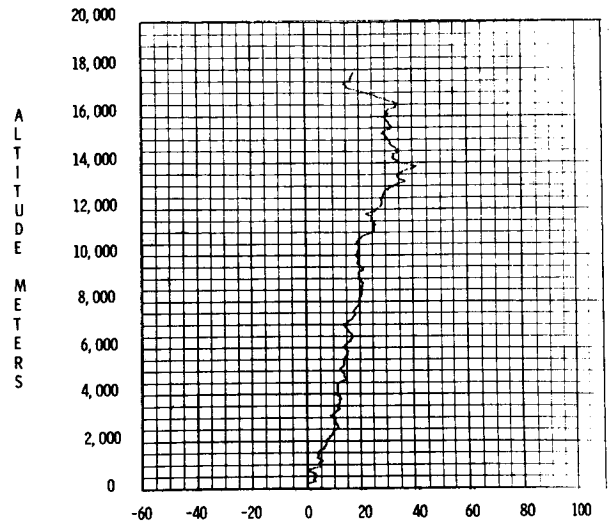
WIND DIRECTION PROFILE



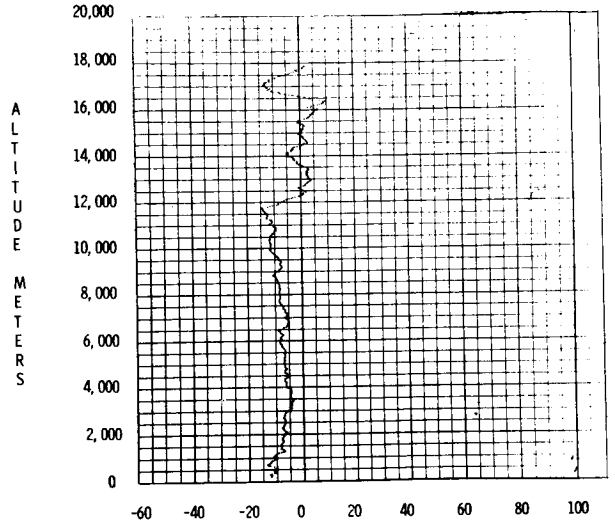
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2116 APRIL 2, 1965 0100Z ETR

FIGURE 71

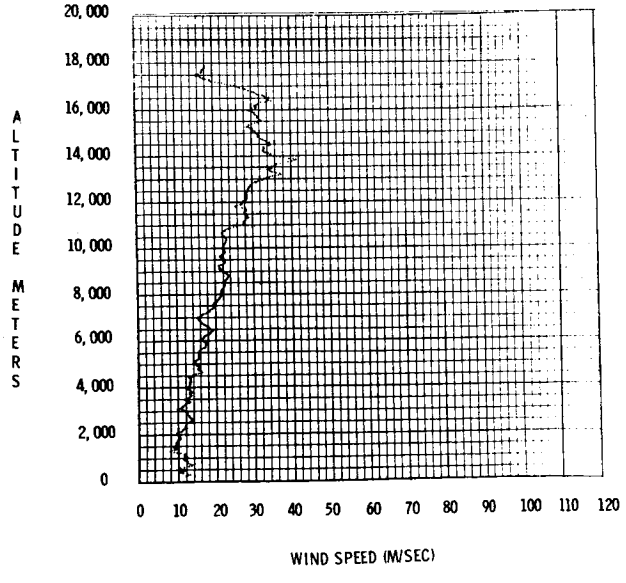
ZONAL WIND SPEED PROFILE



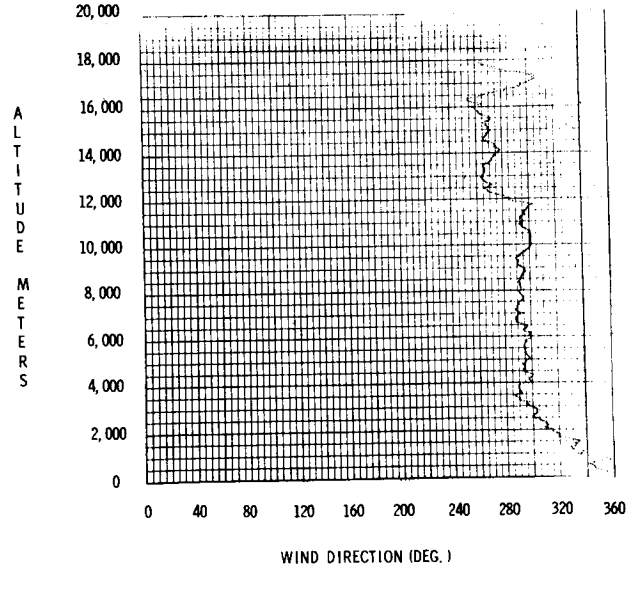
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



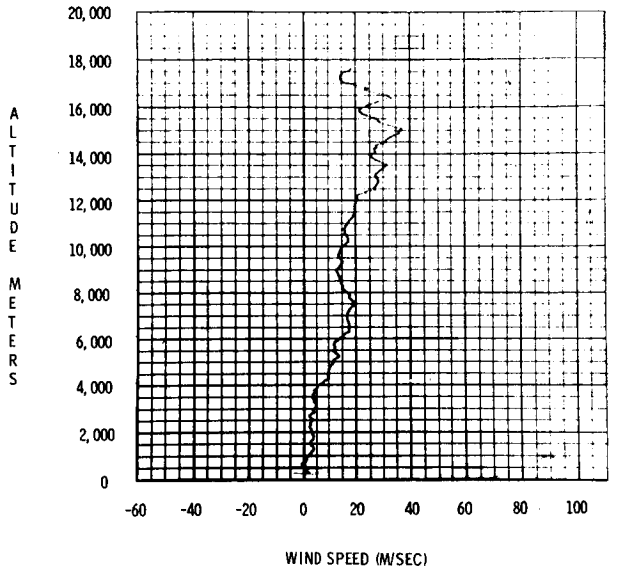
WIND DIRECTION PROFILE



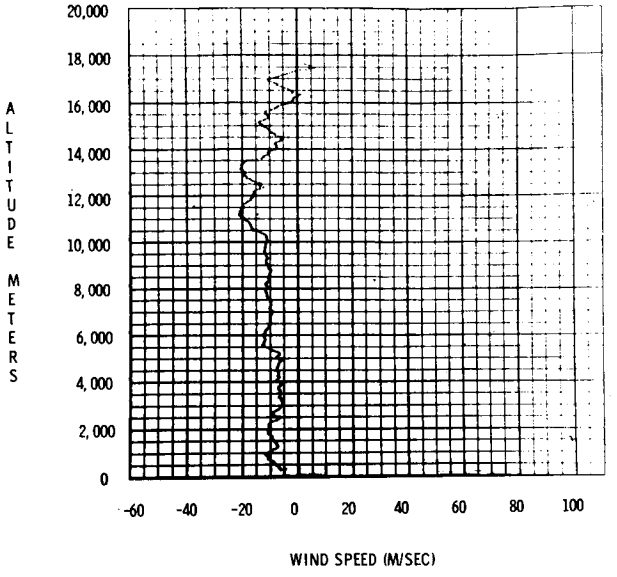
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2122 APRIL 2, 1965 1305Z ETR

FIGURE 72

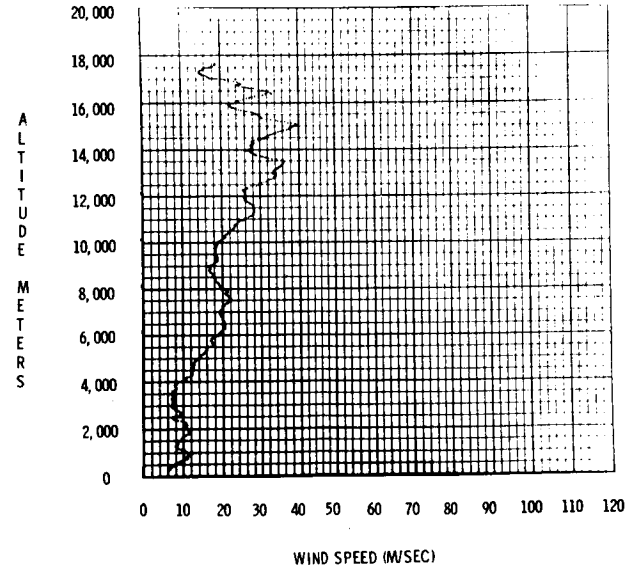
ZONAL WIND SPEED PROFILE



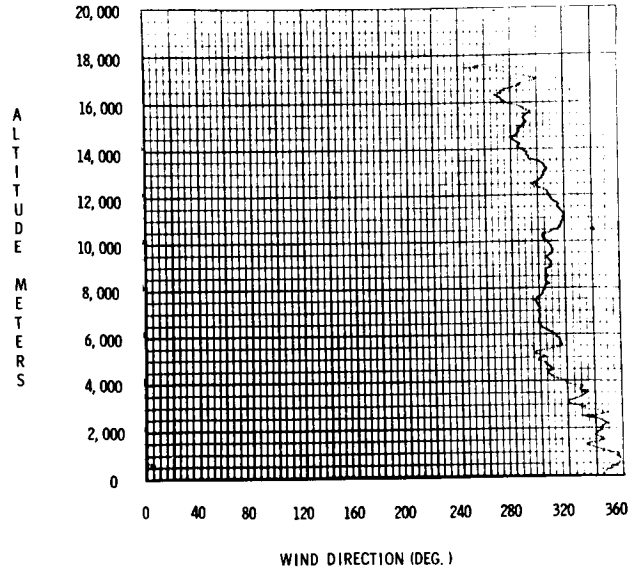
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



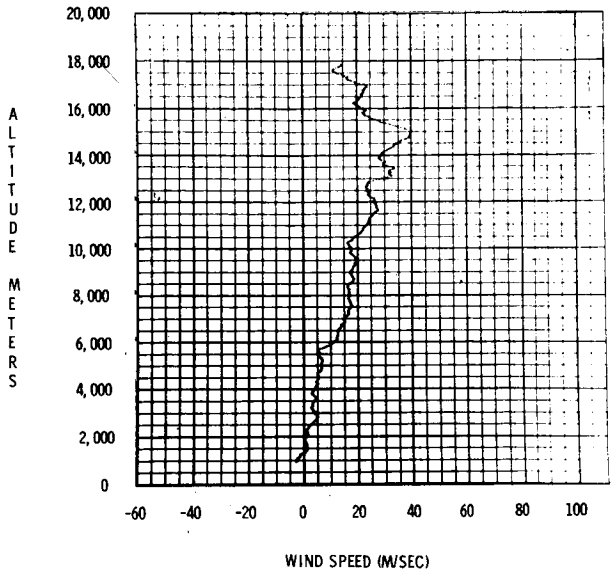
WIND DIRECTION PROFILE



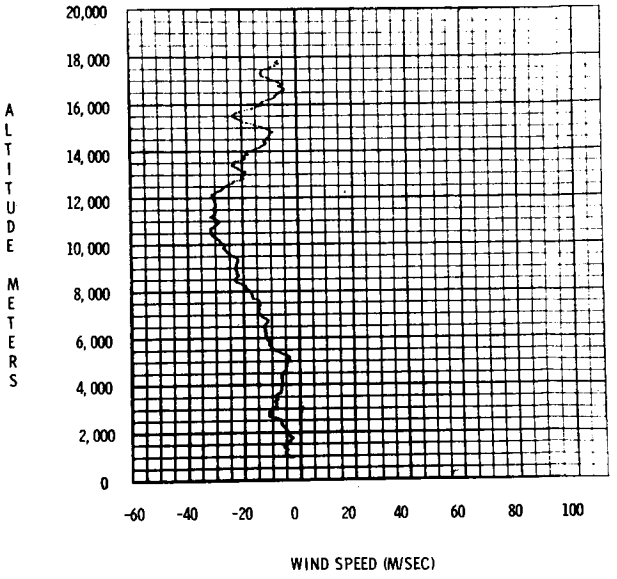
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2117 APRIL 3, 1965 0100Z ETR

FIGURE 73

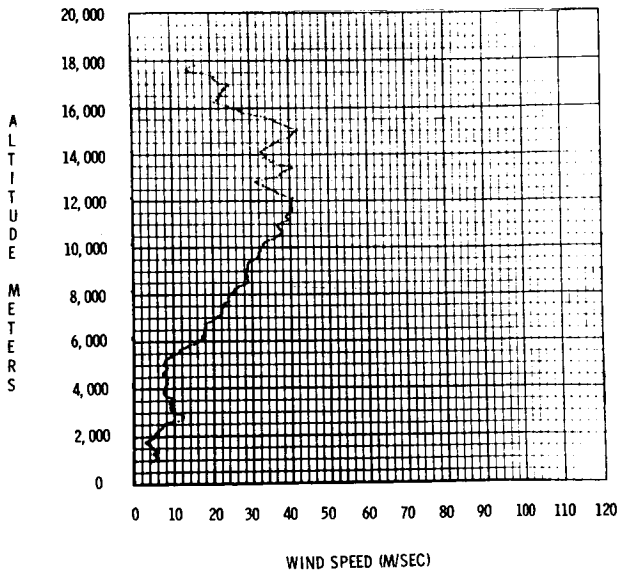
ZONAL WIND SPEED PROFILE



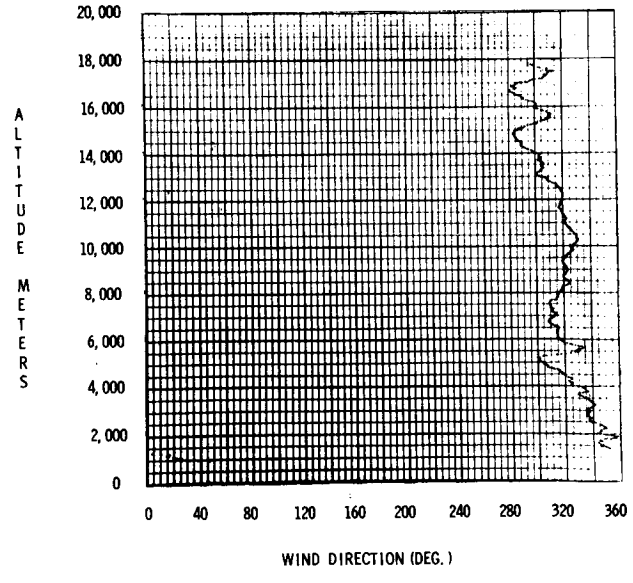
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



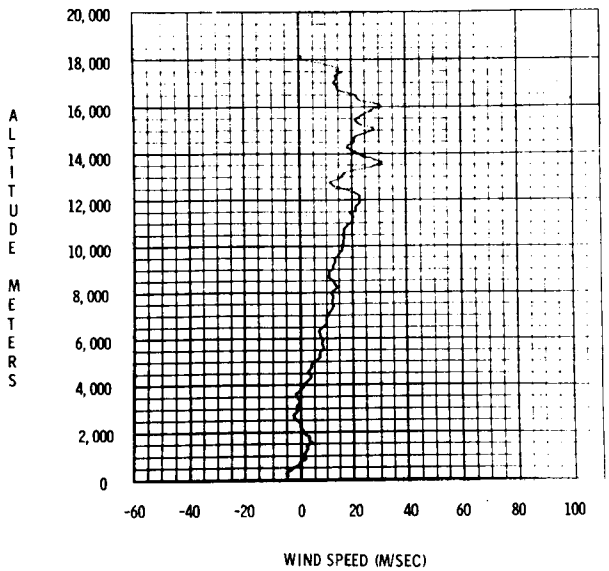
WIND DIRECTION PROFILE



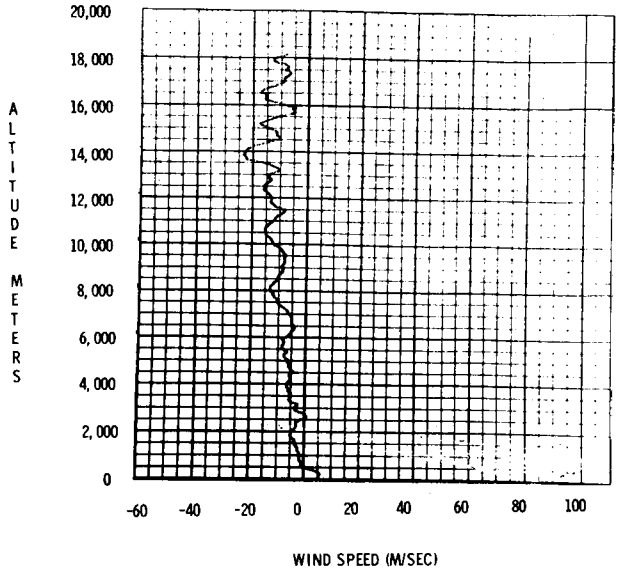
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2267 APRIL 3, 1965 1307Z ETR

FIGURE 74

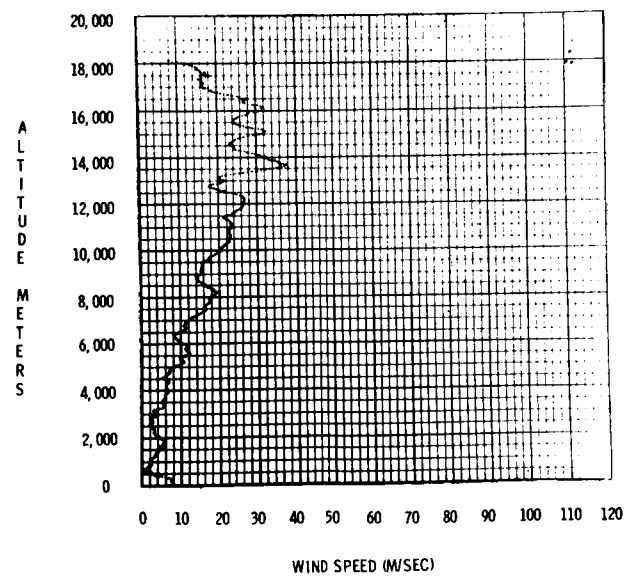
ZONAL WIND SPEED PROFILE



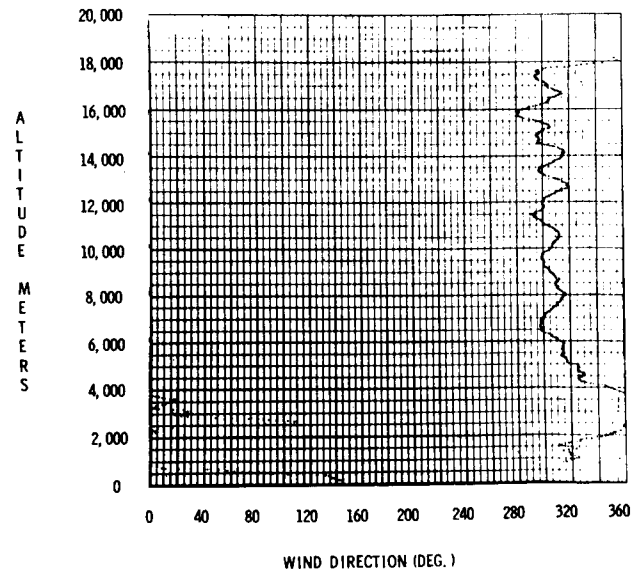
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



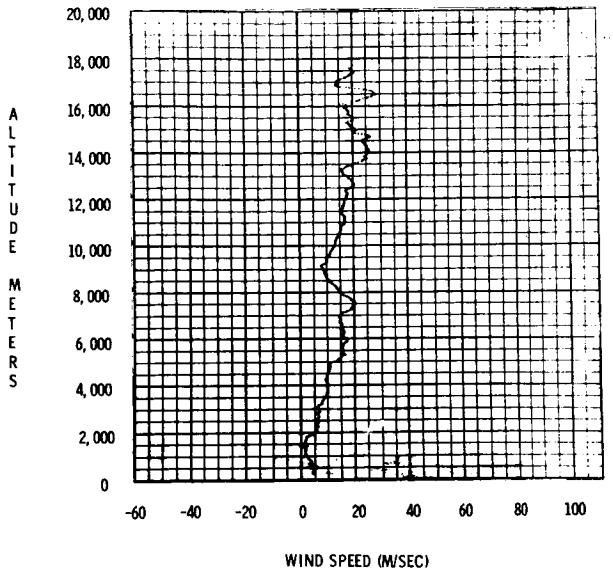
WIND DIRECTION PROFILE



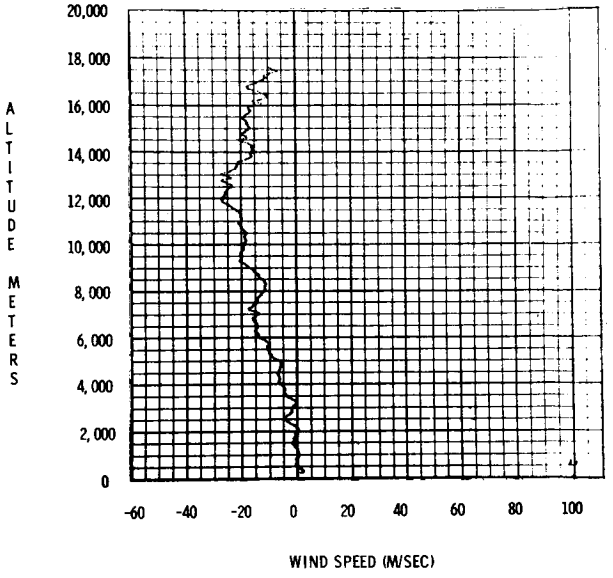
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2263 APRIL 7, 1965 0130Z ETR

FIGURE 75

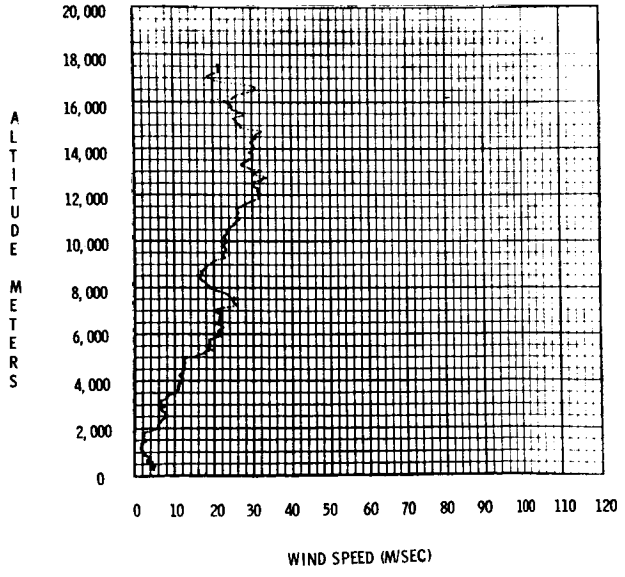
ZONAL WIND SPEED PROFILE



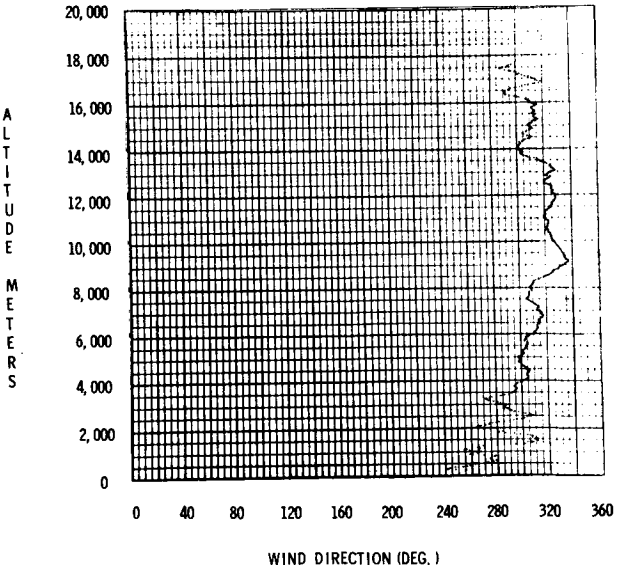
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



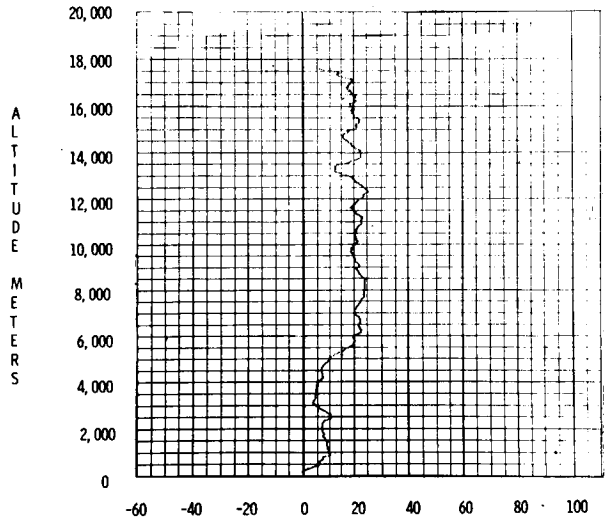
WIND DIRECTION PROFILE



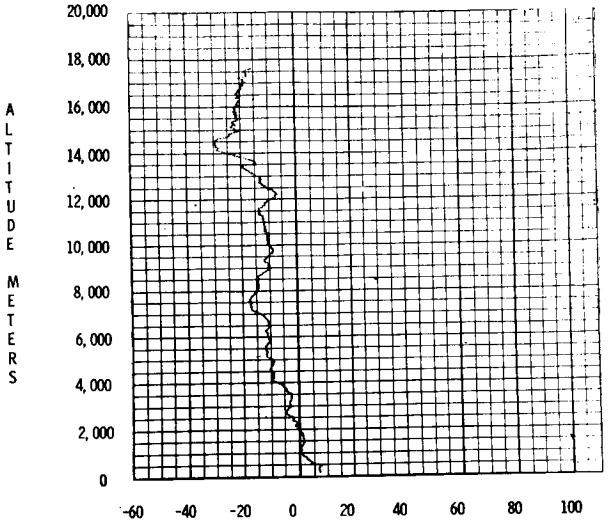
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2269 APRIL 7, 1965 1300Z ETR

FIGURE 76

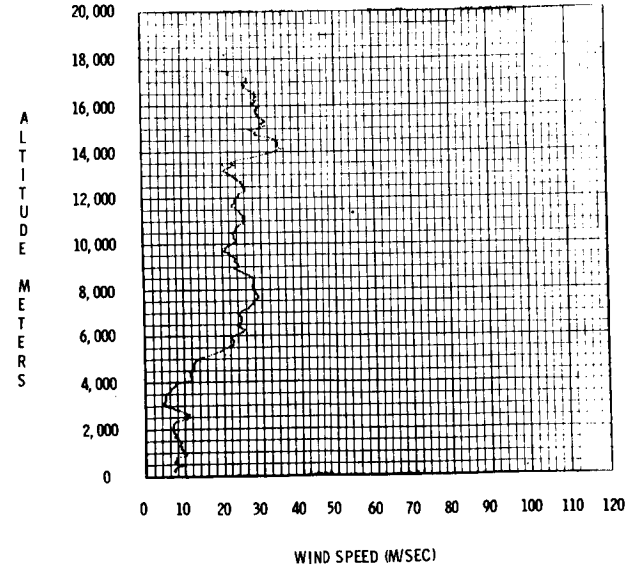
ZONAL WIND SPEED PROFILE



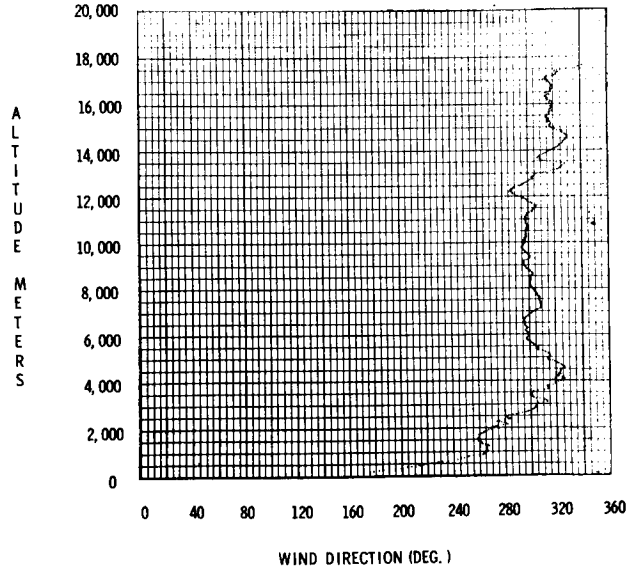
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



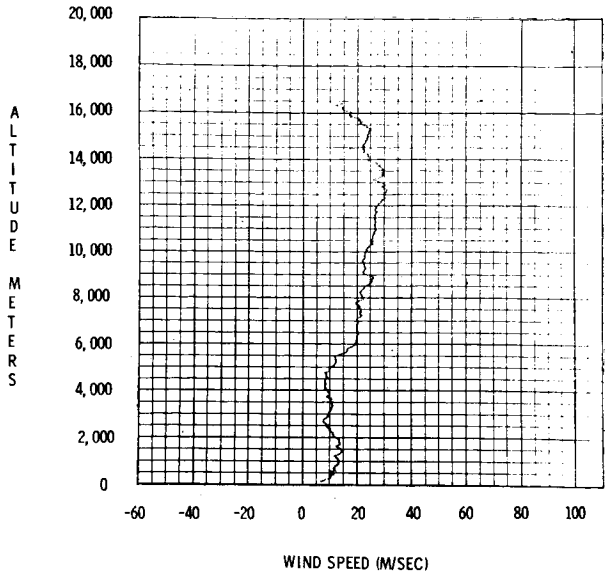
WIND DIRECTION PROFILE



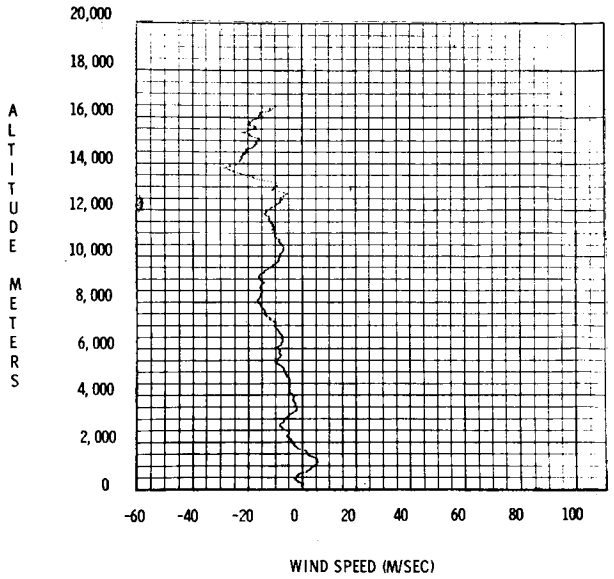
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2265 APRIL 1965 0000Z ETR

FIGURE 77

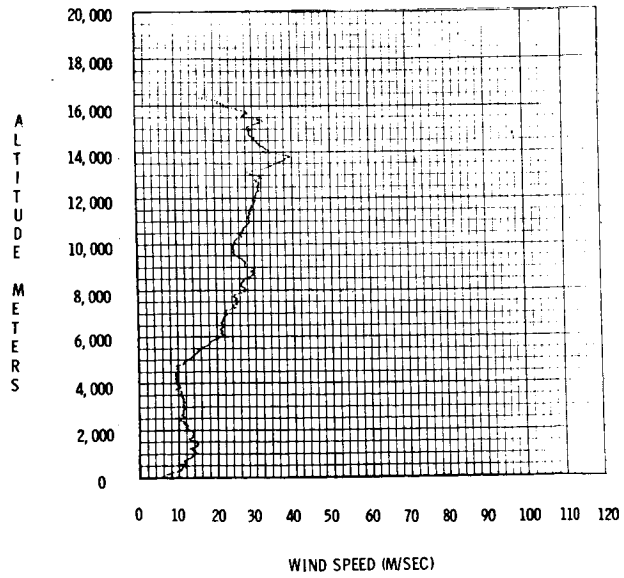
ZONAL WIND SPEED PROFILE



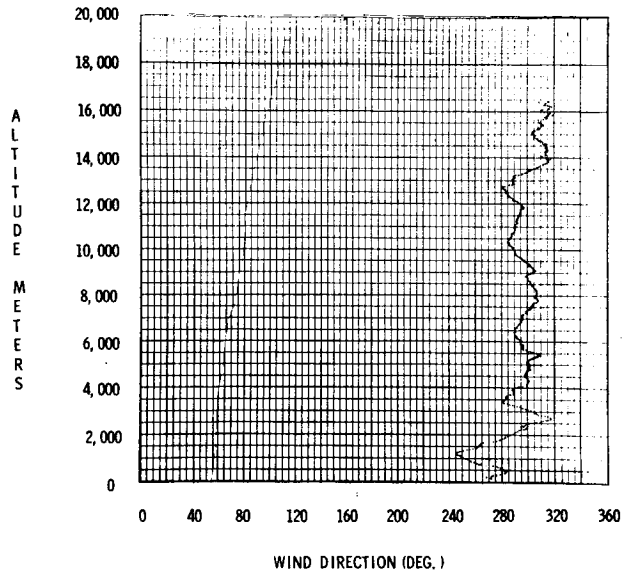
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



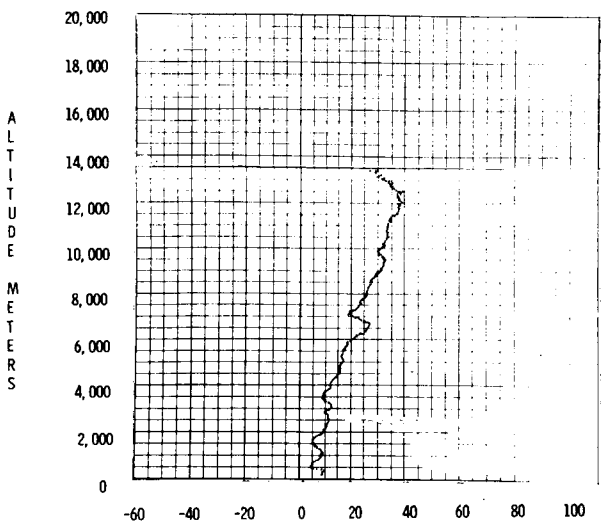
WIND DIRECTION PROFILE



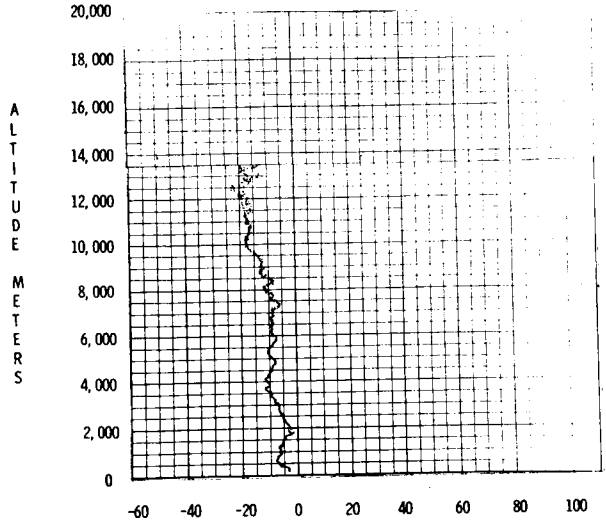
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2425 APRIL 9, 1965 1300Z ETR

FIGURE 78

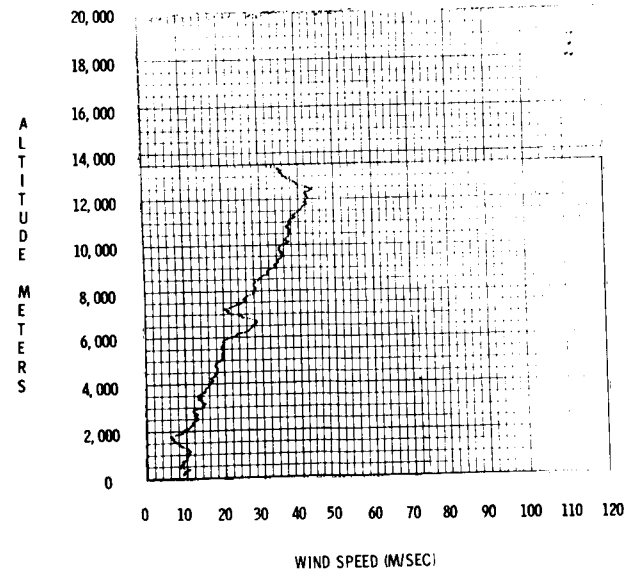
ZONAL WIND SPEED PROFILE



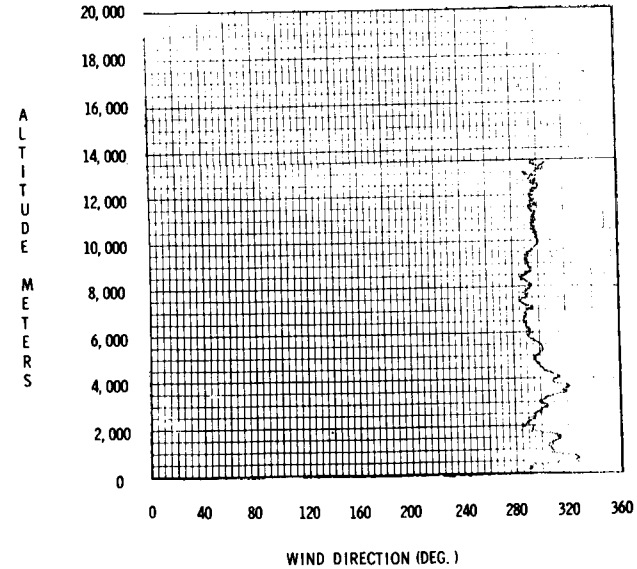
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



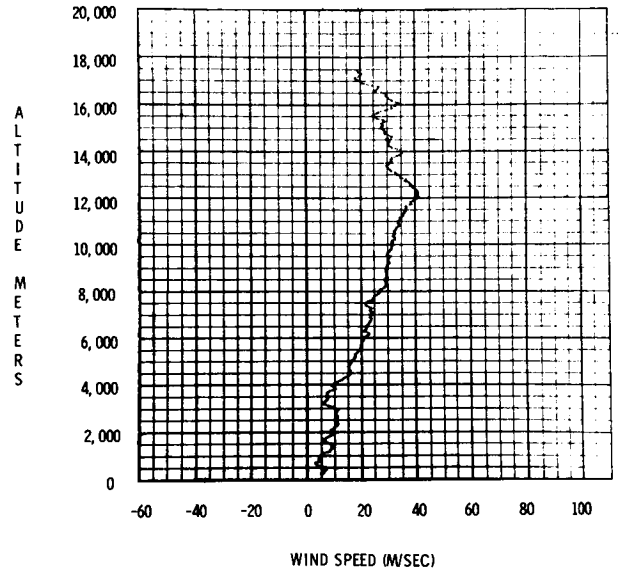
WIND DIRECTION PROFILE



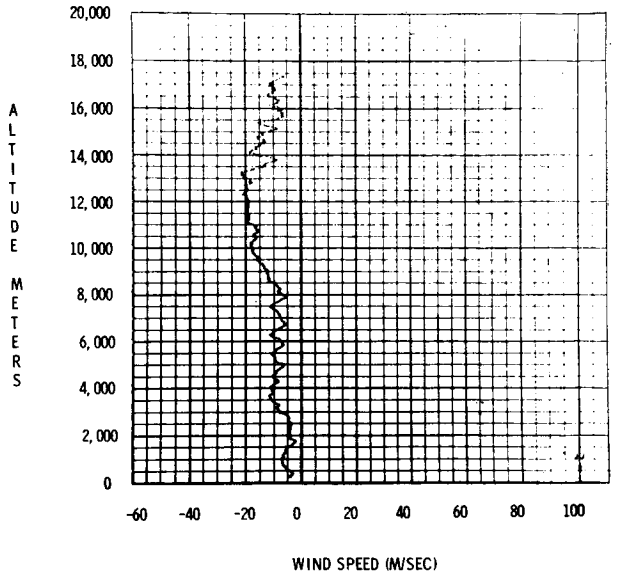
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2272-2 APRIL 13, 1965 1415Z ETR

FIGURE 79

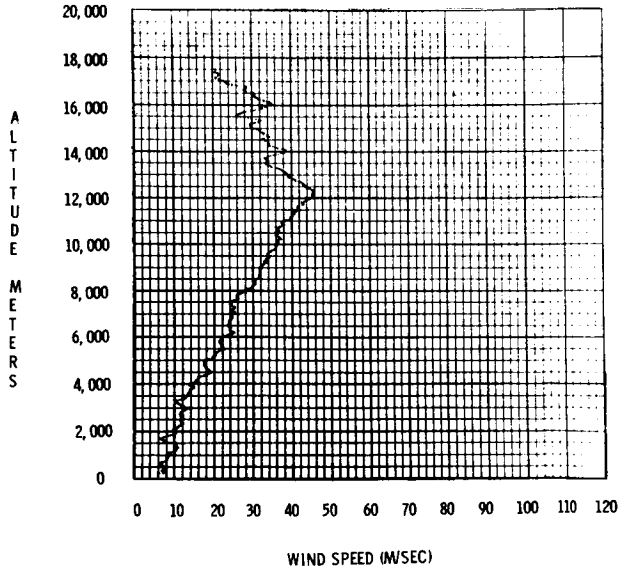
ZONAL WIND SPEED PROFILE



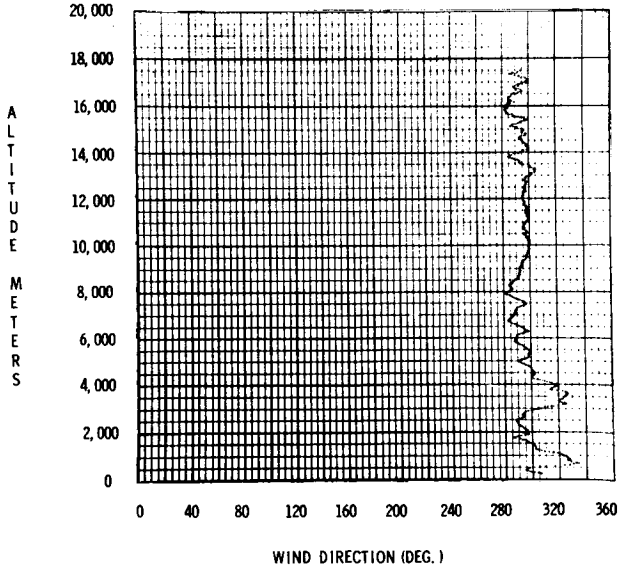
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



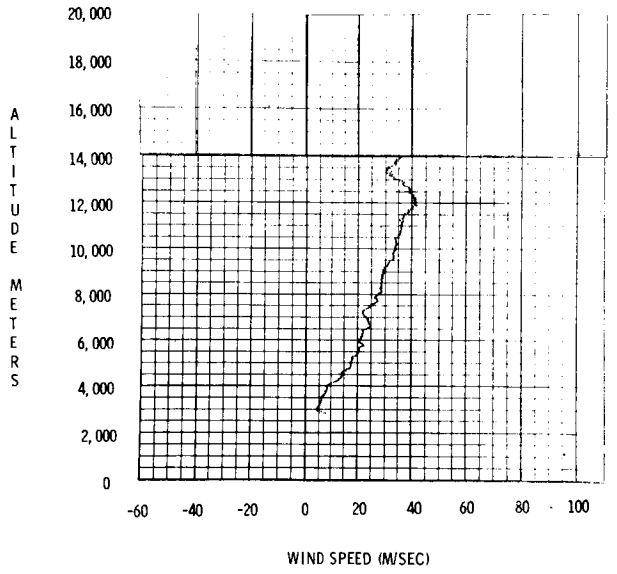
WIND DIRECTION PROFILE



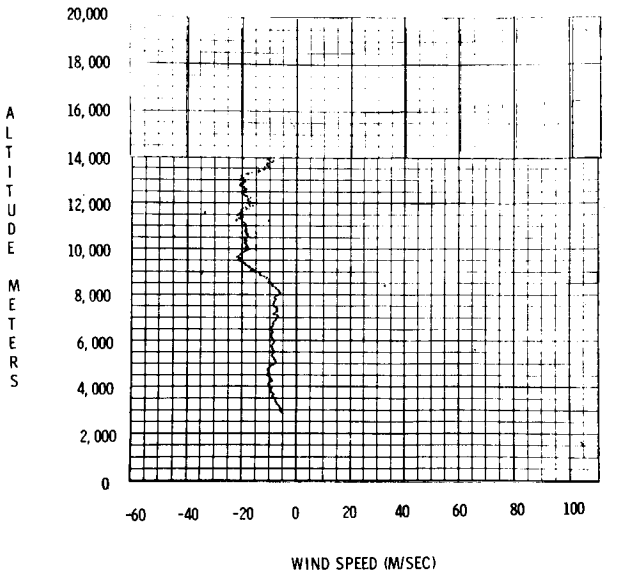
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2272-3 APRIL 13, 1965 1530Z ETR

FIGURE 80

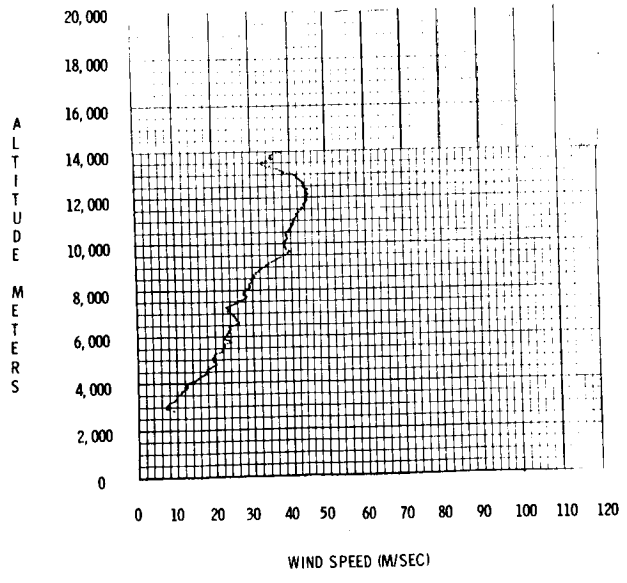
ZONAL WIND SPEED PROFILE



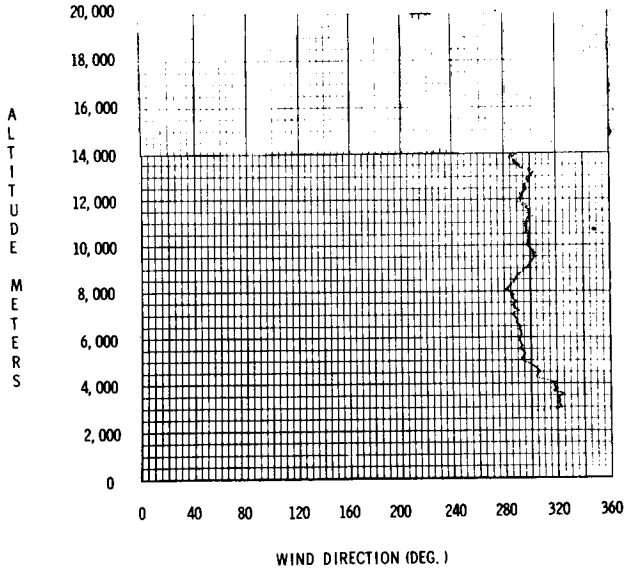
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



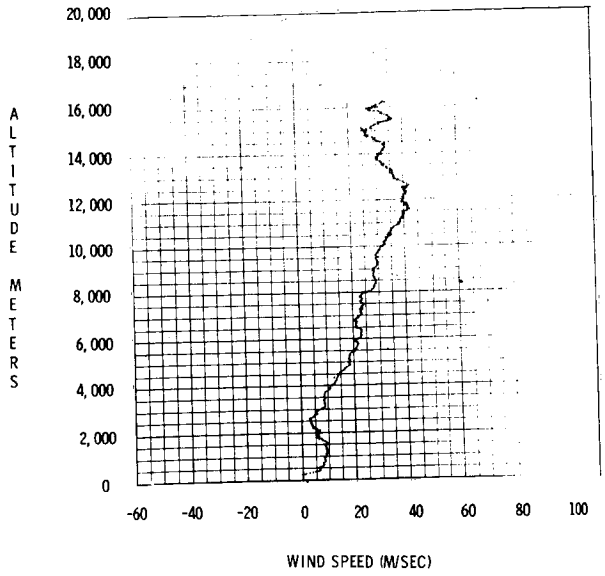
WIND DIRECTION PROFILE



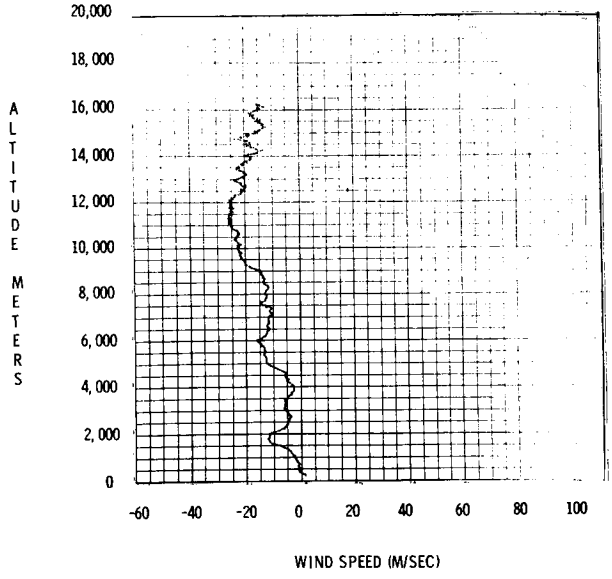
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2272-4 APRIL 13, 1965 1700Z ETR

FIGURE 81

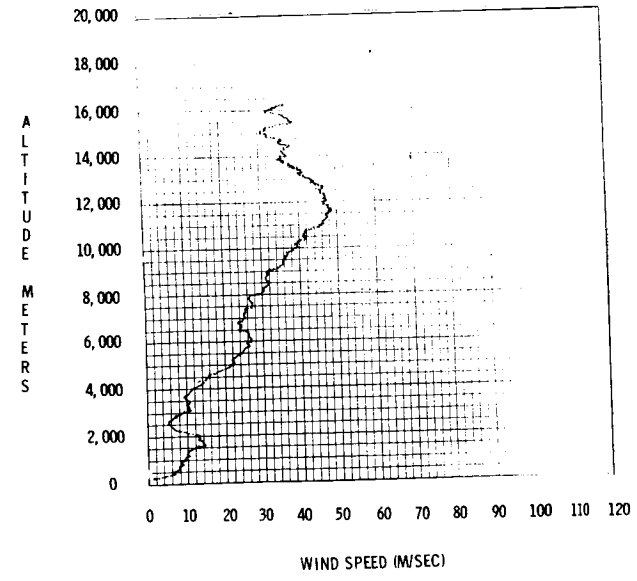
ZONAL WIND SPEED PROFILE



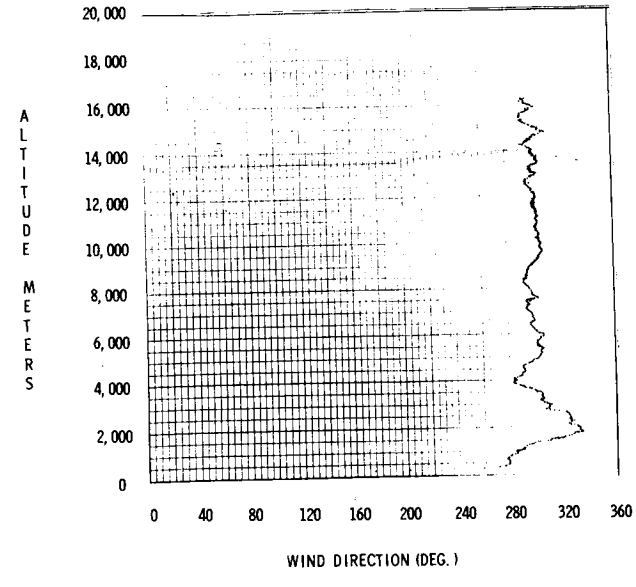
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



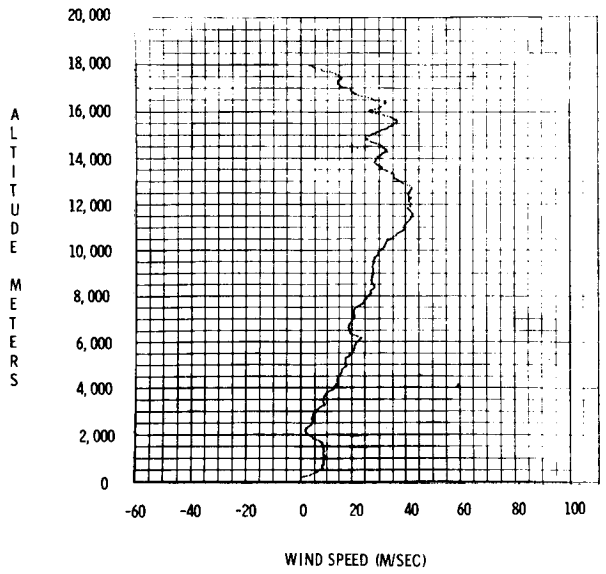
WIND DIRECTION PROFILE



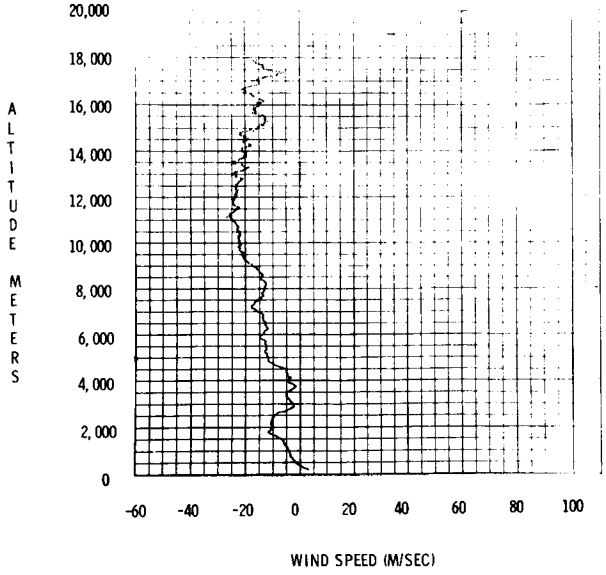
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2272-8 APRIL 13, 1965 2210Z ETR

FIGURE 82

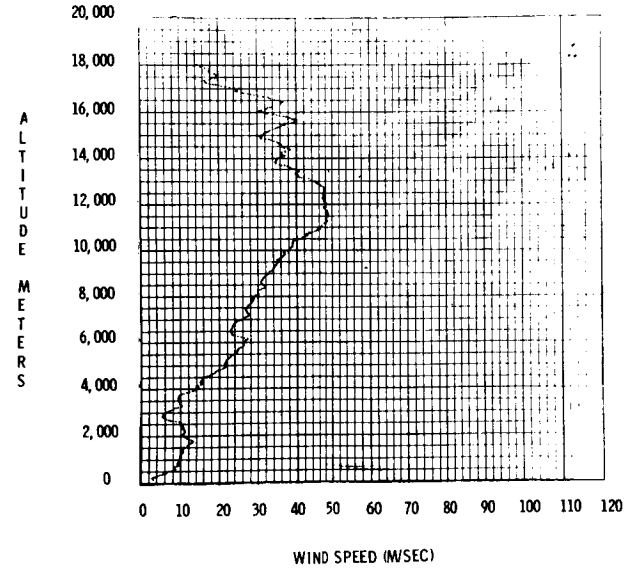
ZONAL WIND SPEED PROFILE



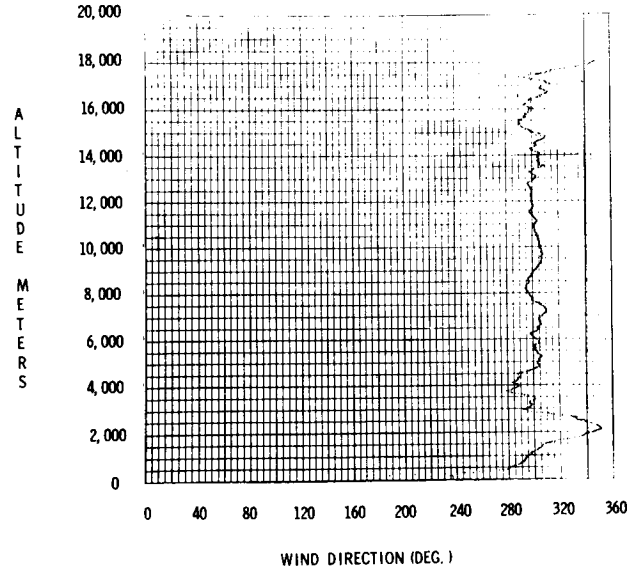
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



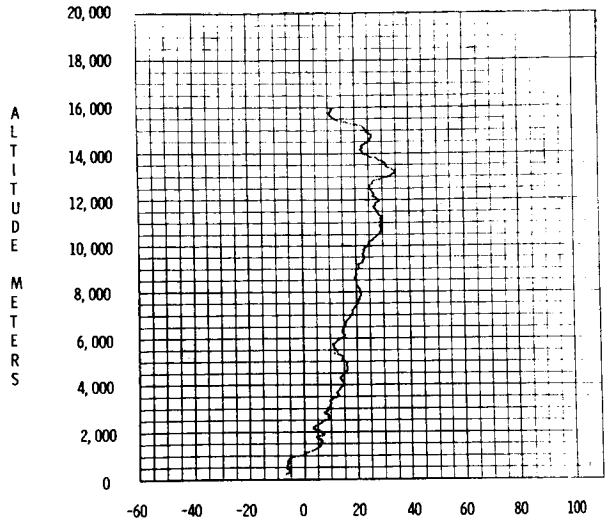
WIND DIRECTION PROFILE



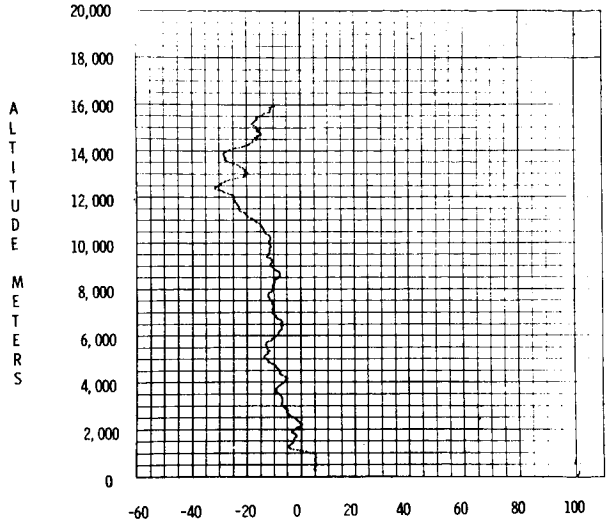
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2272-9 APRIL 13, 1965 2325Z ETR

FIGURE 83

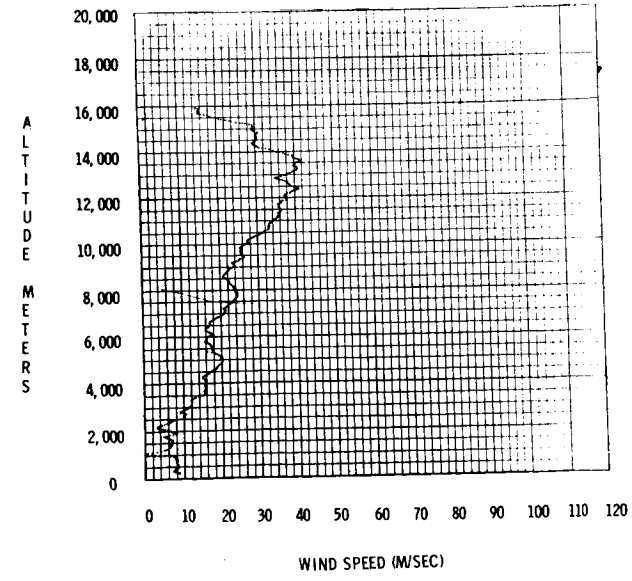
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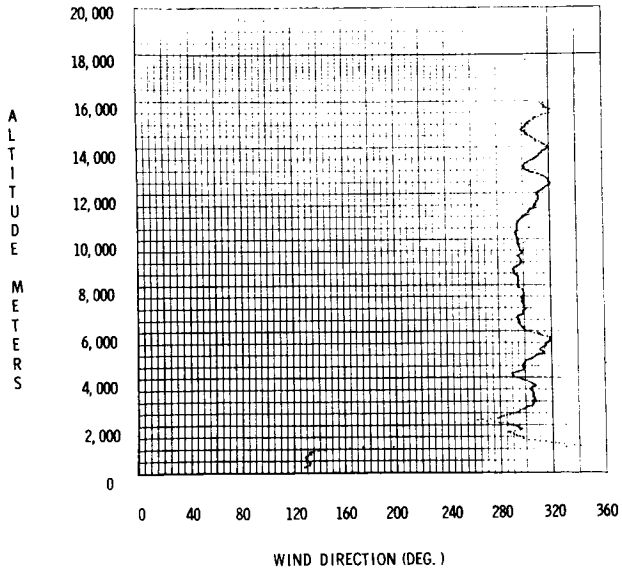
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



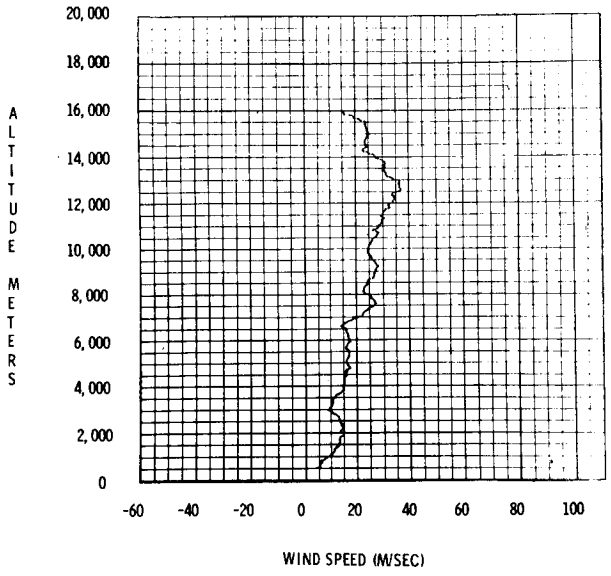
WIND DIRECTION PROFILE



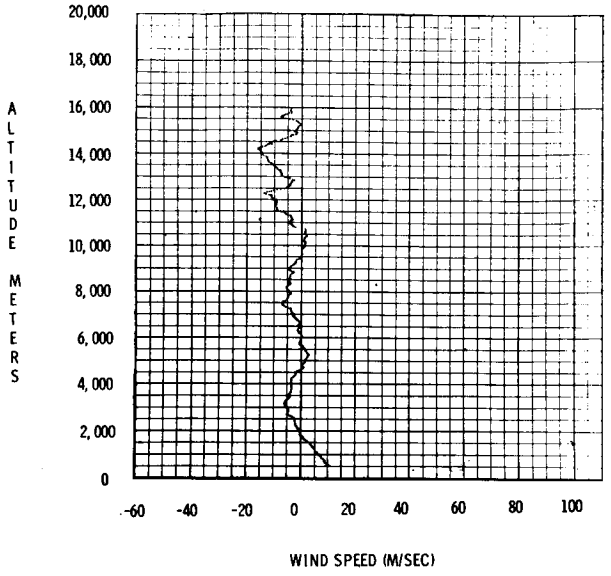
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2378 APRIL 15, 1965 1300Z ETR

FIGURE 84

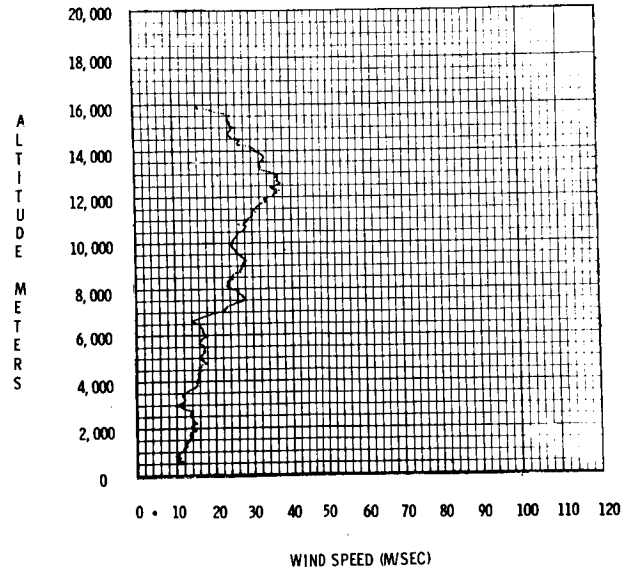
ZONAL WIND SPEED PROFILE



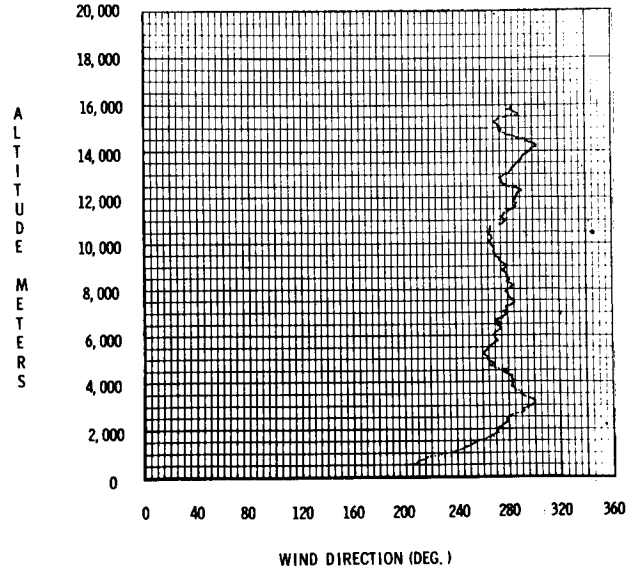
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



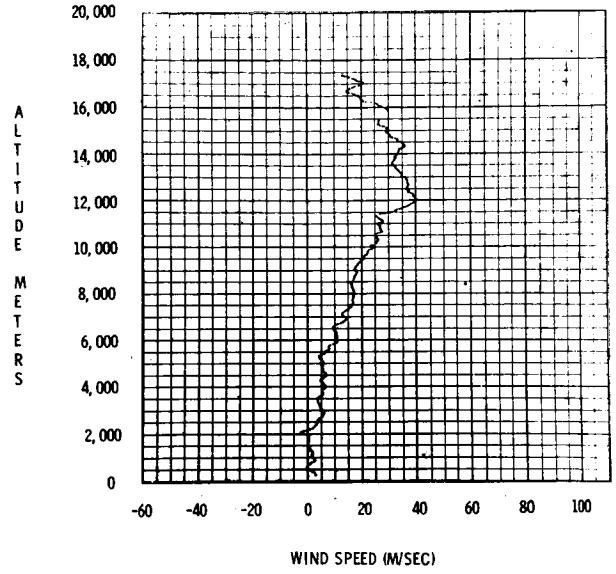
WIND DIRECTION PROFILE



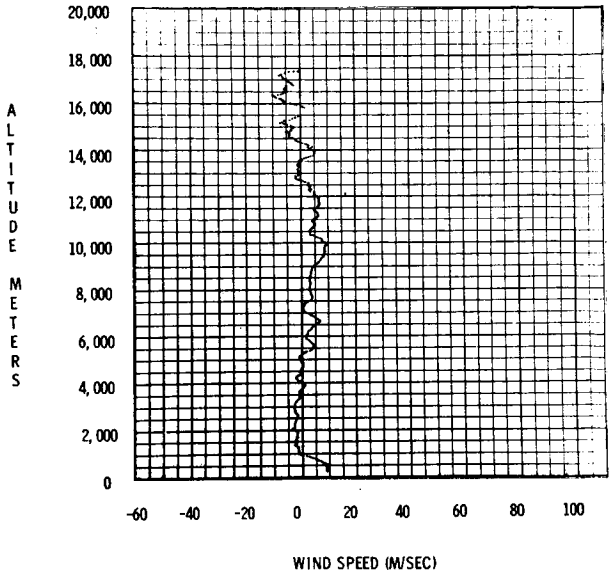
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2385 APRIL 16, 1965 0101Z ETR

FIGURE 85

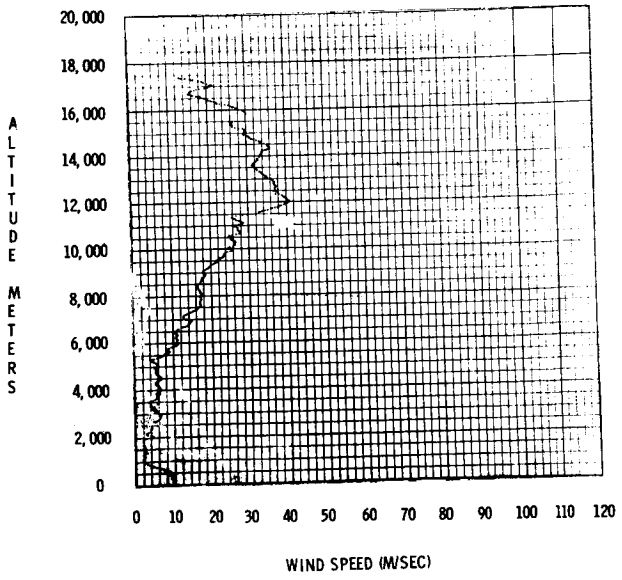
ZONAL WIND SPEED PROFILE



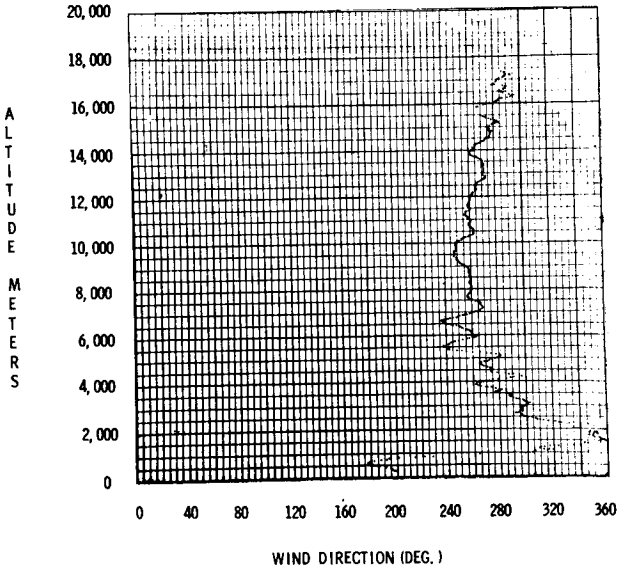
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



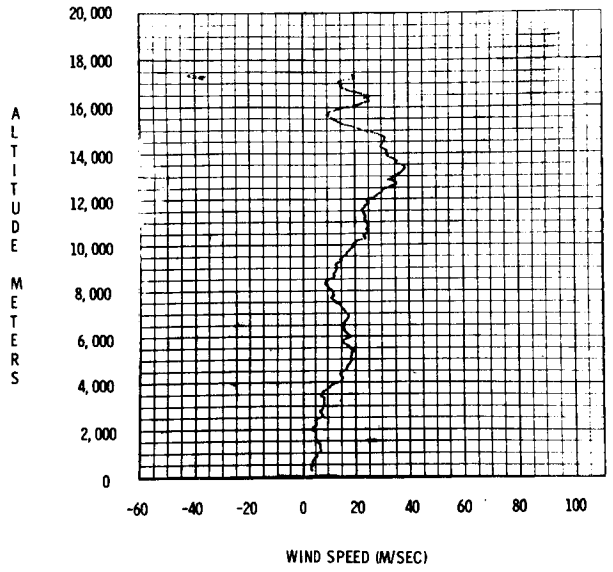
WIND DIRECTION PROFILE



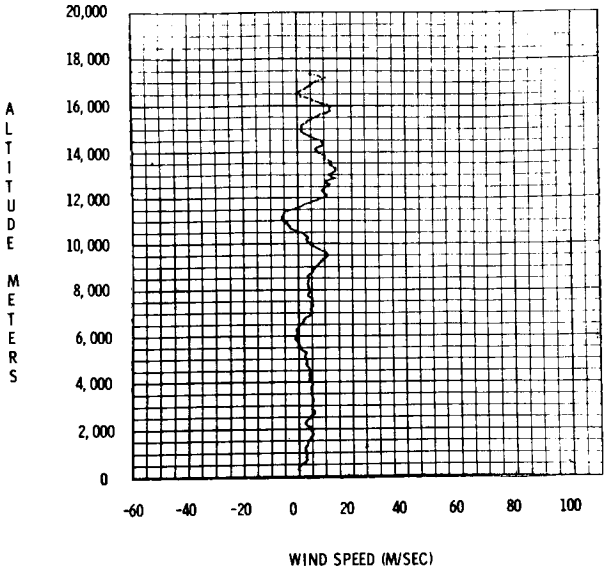
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2499 APRIL 19, 1965 1300Z ETR

FIGURE 86

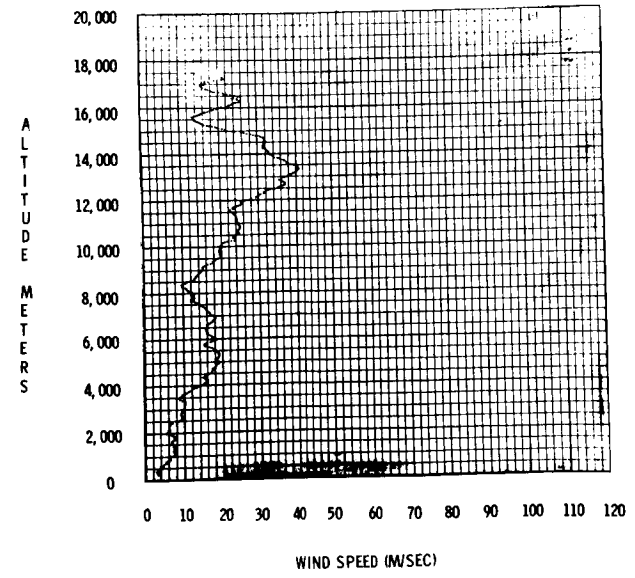
ZONAL WIND SPEED PROFILE



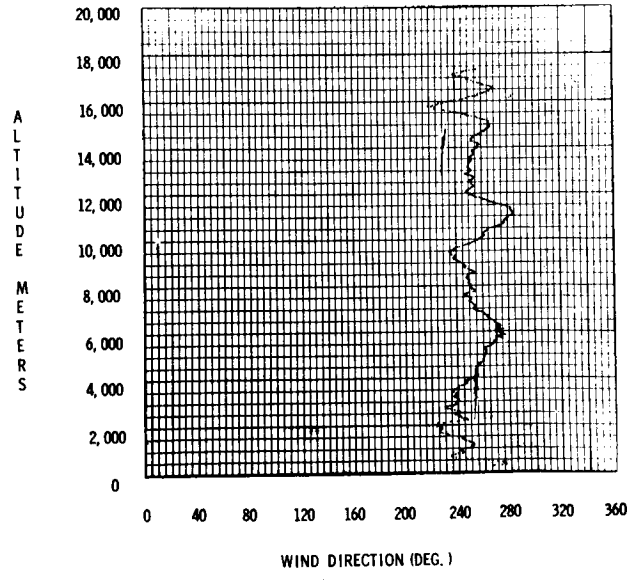
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



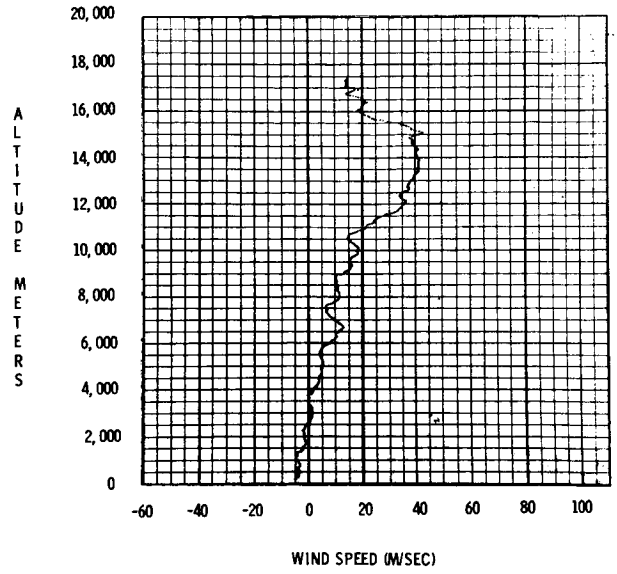
WIND DIRECTION PROFILE



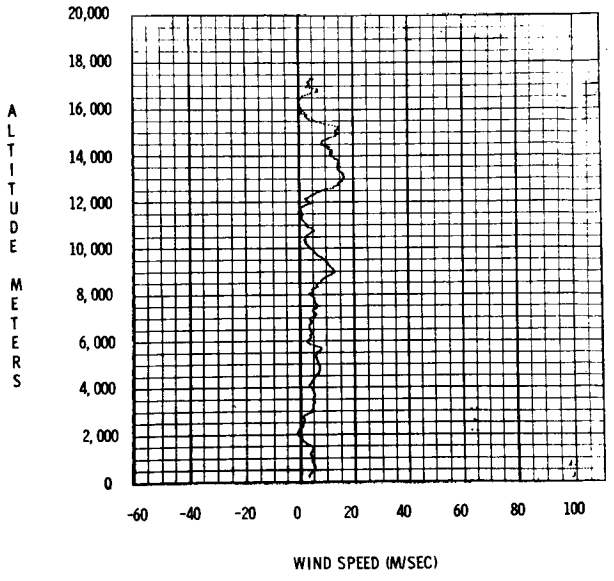
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2500-2 APRIL 20, 1965 1300Z ETR

FIGURE 87

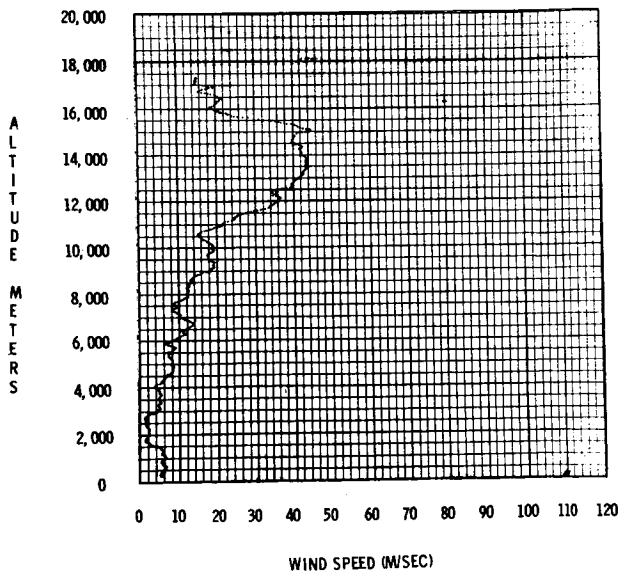
ZONAL WIND SPEED PROFILE



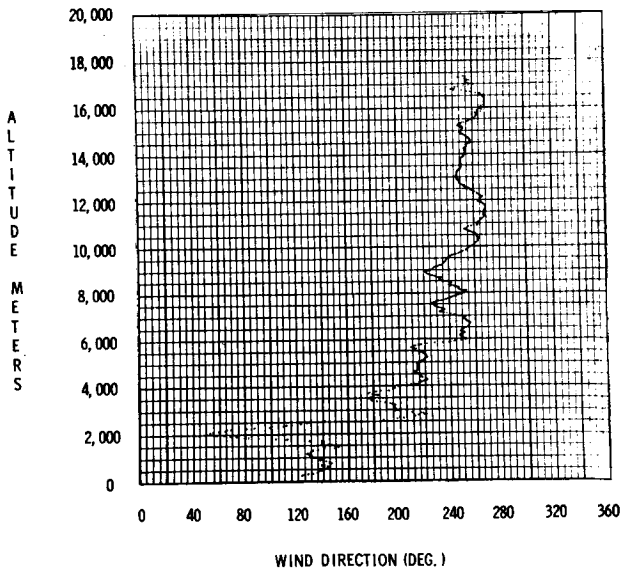
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



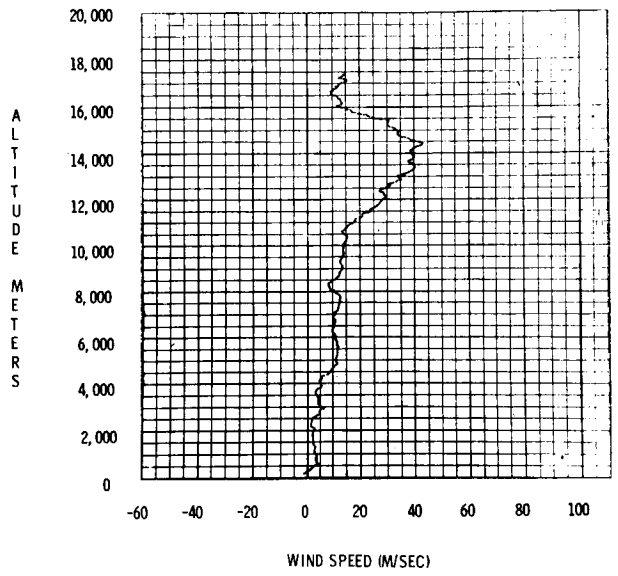
WIND DIRECTION PROFILE



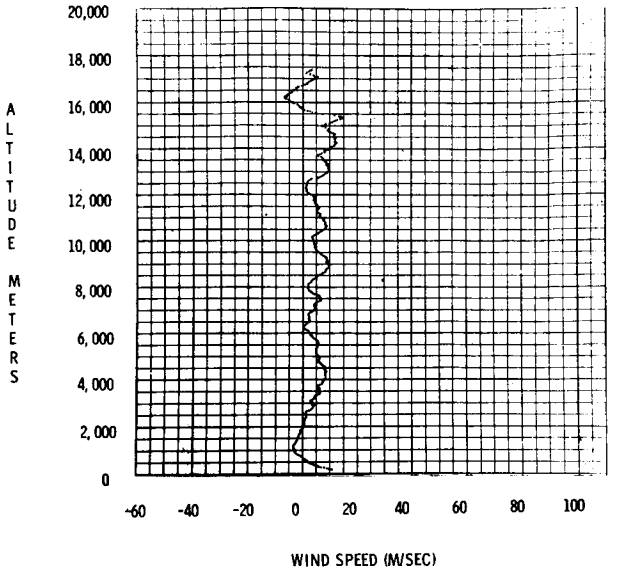
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2501 APRIL 21, 1965 00002 EIR

FIGURE 88

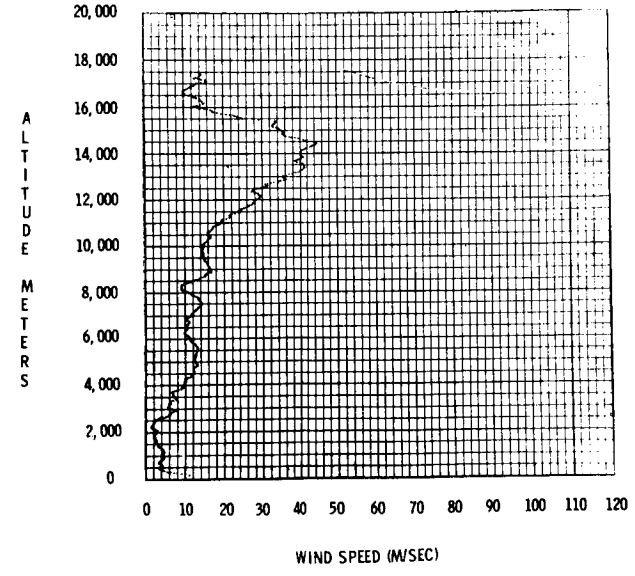
ZONAL WIND SPEED PROFILE



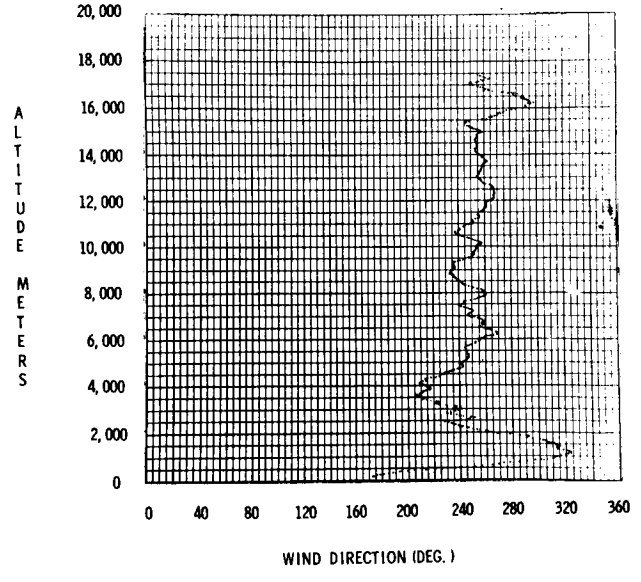
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



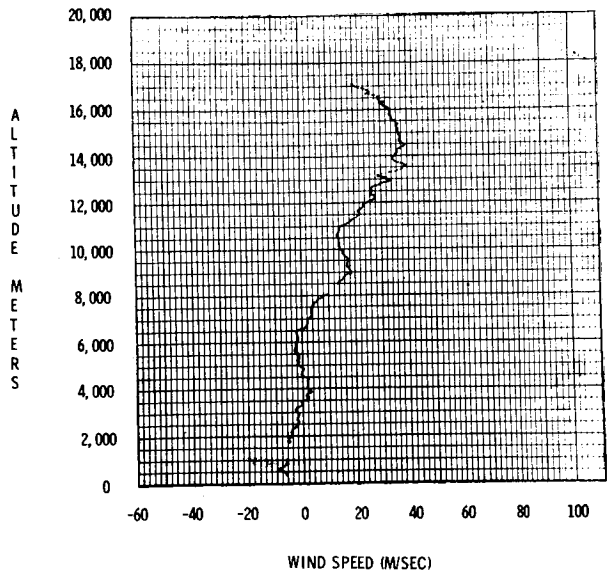
WIND DIRECTION PROFILE



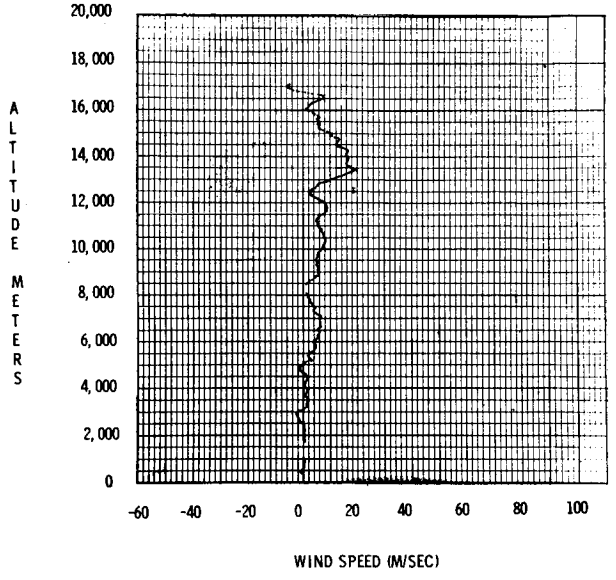
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2505 APRIL 21, 1965 0100Z ETR

FIGURE 89

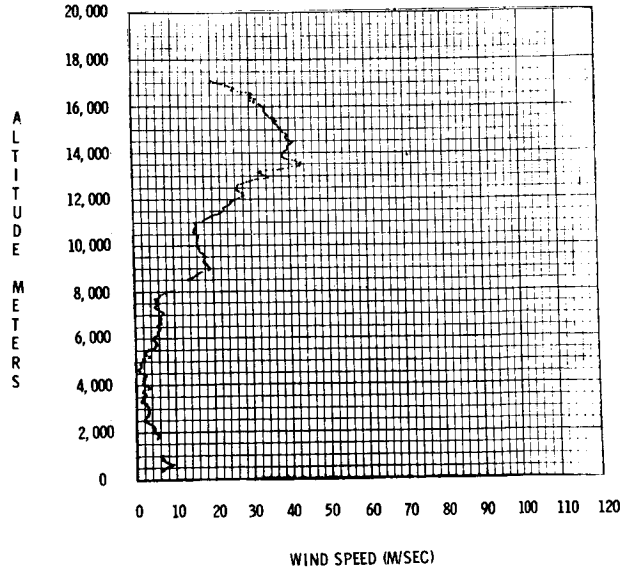
ZONAL WIND SPEED PROFILE



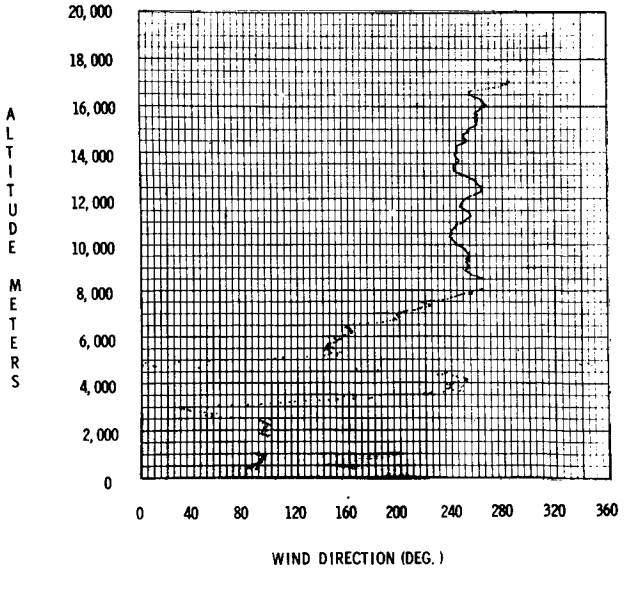
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



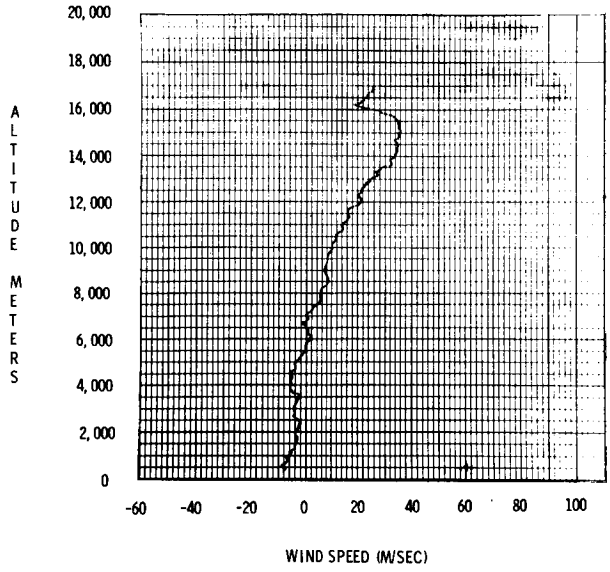
WIND DIRECTION PROFILE



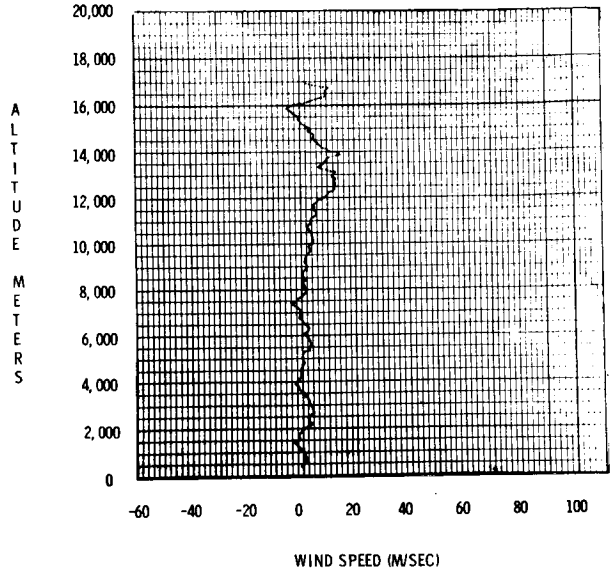
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2502 APRIL 22, 1965 1300Z ETR

FIGURE 90

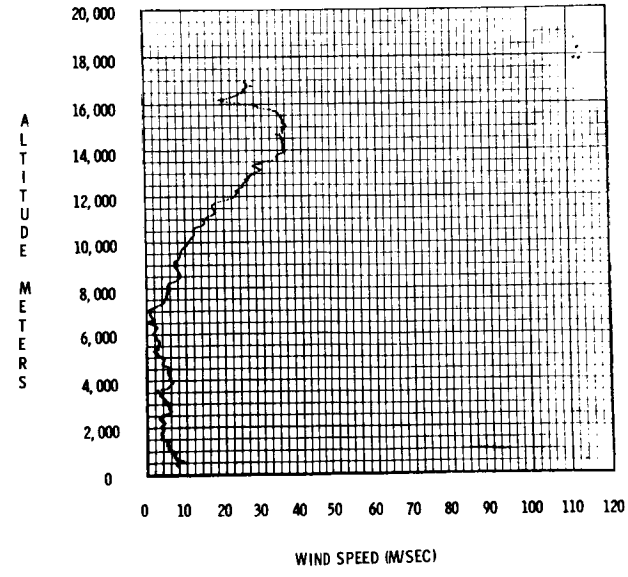
ZONAL WIND SPEED PROFILE



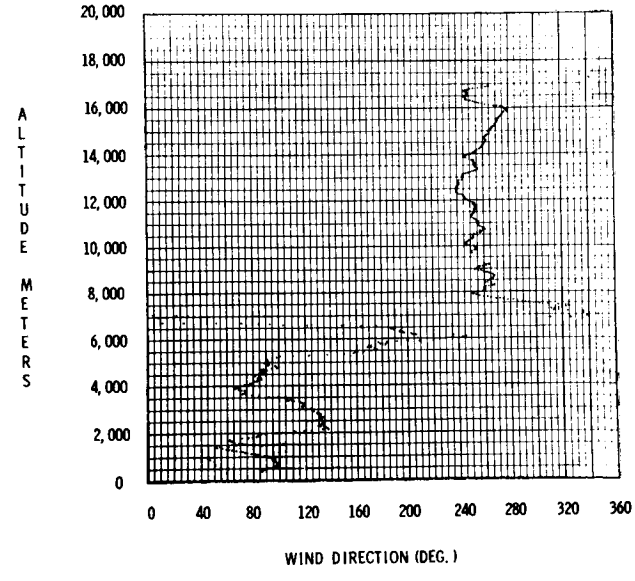
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



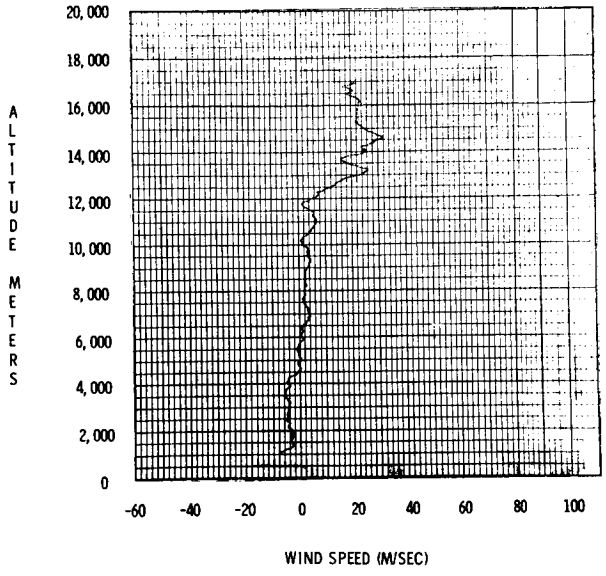
WIND DIRECTION PROFILE



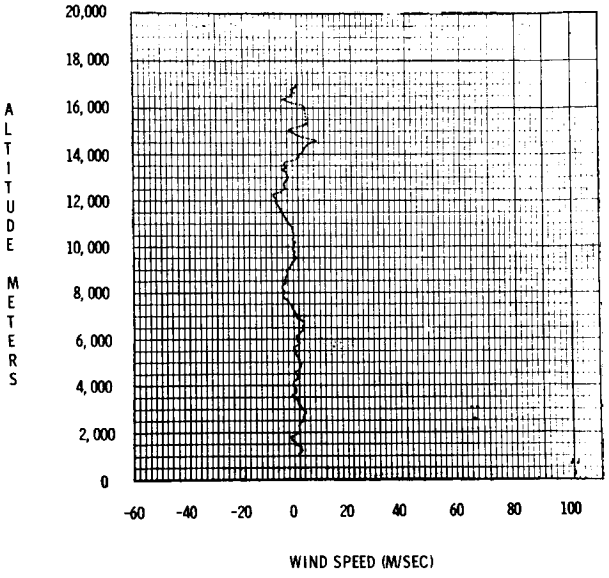
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2507 APRIL 23, 1965 0100Z ETR

FIGURE 91

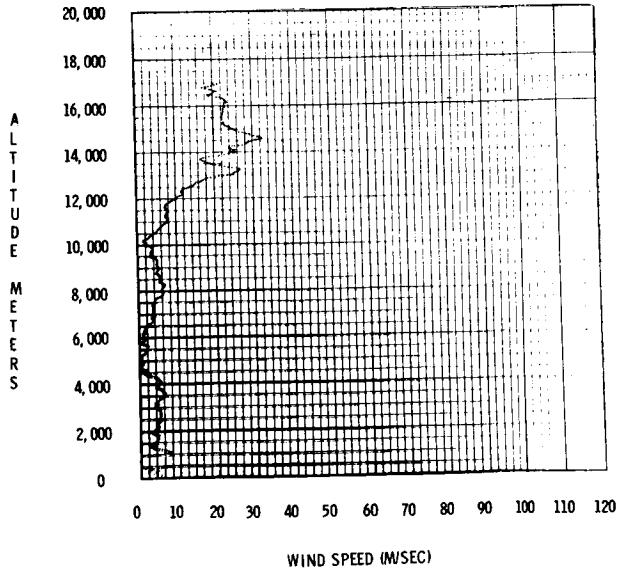
ZONAL WIND SPEED PROFILE



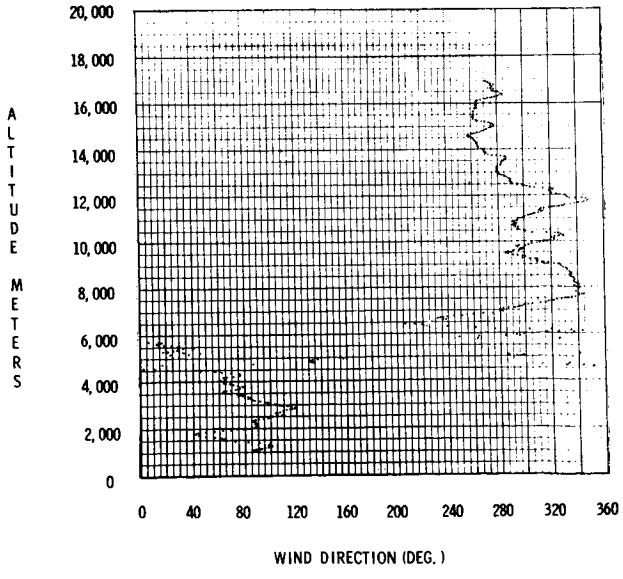
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



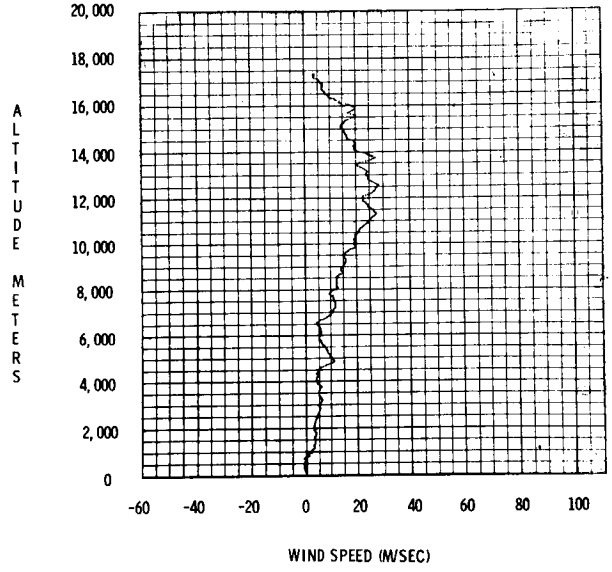
WIND DIRECTION PROFILE



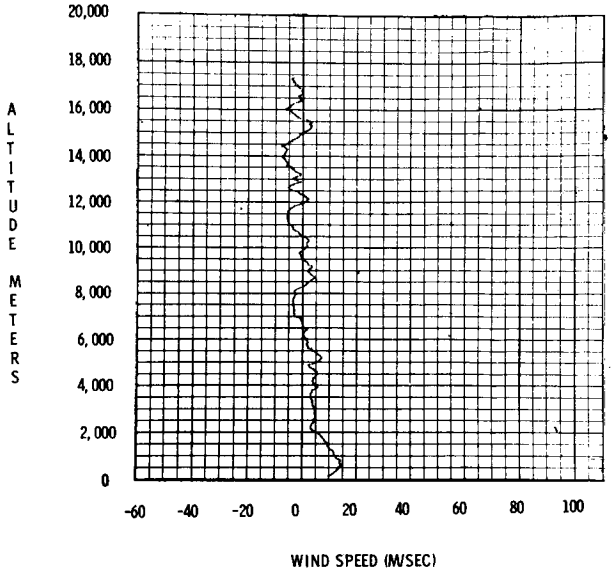
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2503 APRIL 23, 1965 1300Z ETR

FIGURE 92

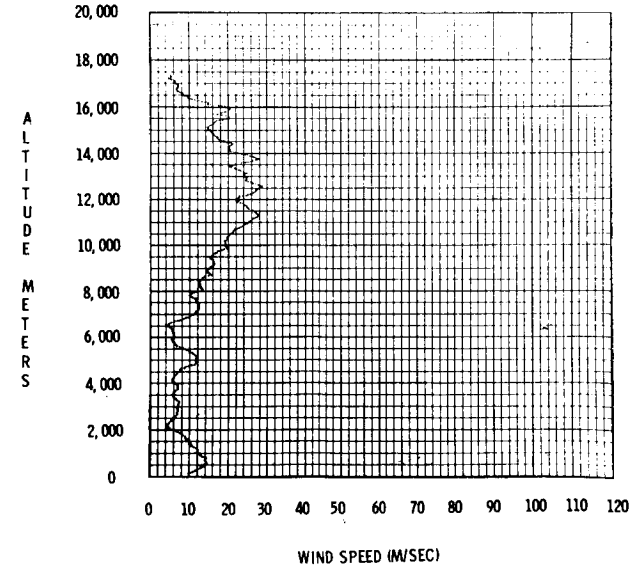
ZONAL WIND SPEED PROFILE



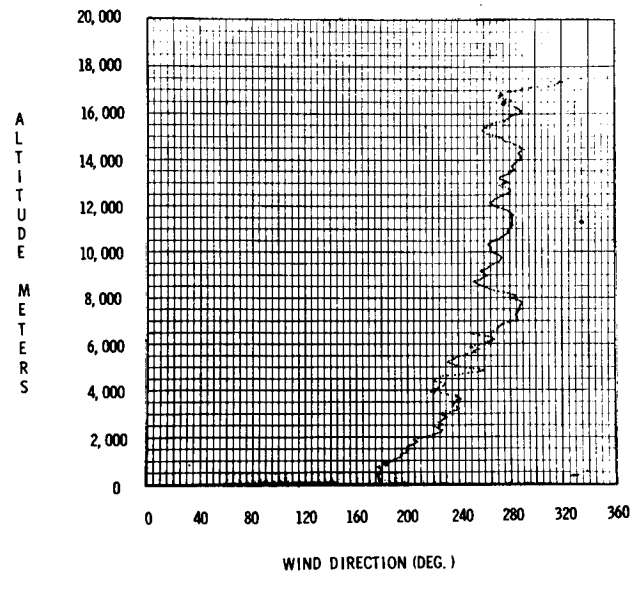
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



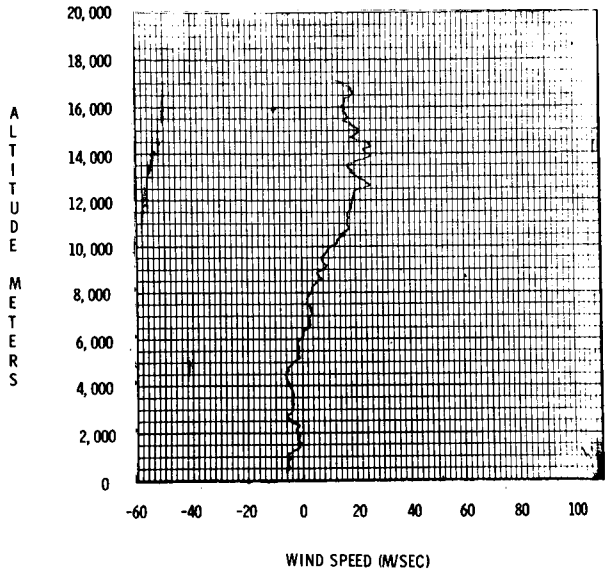
WIND DIRECTION PROFILE



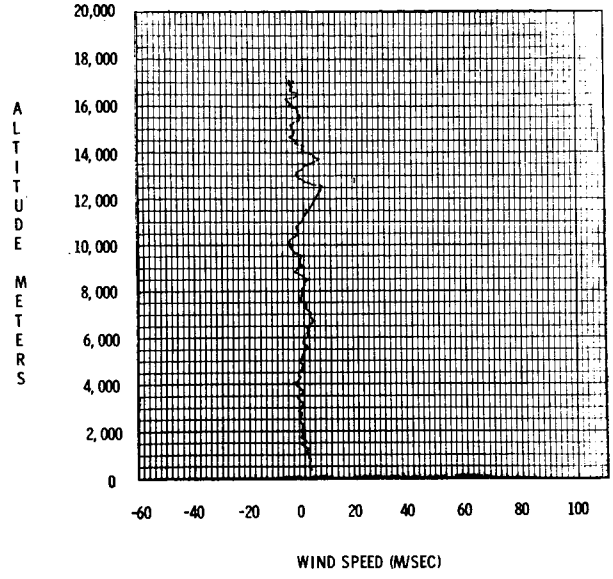
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2508 APRIL 25, 1965 1300Z ETR

FIGURE 93

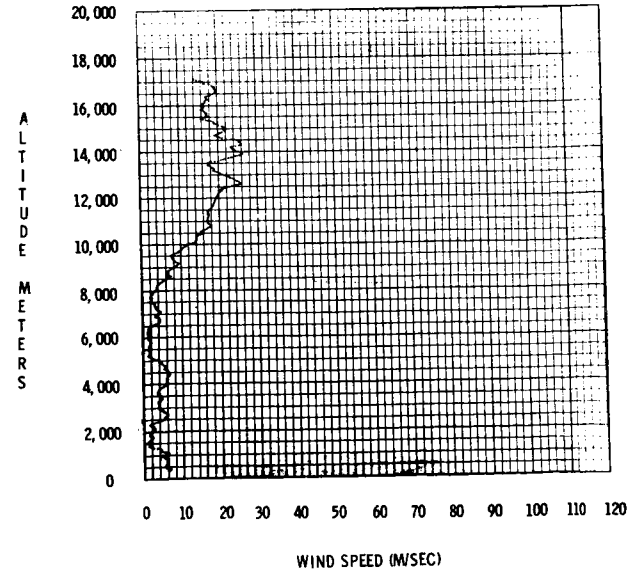
ZONAL WIND SPEED PROFILE



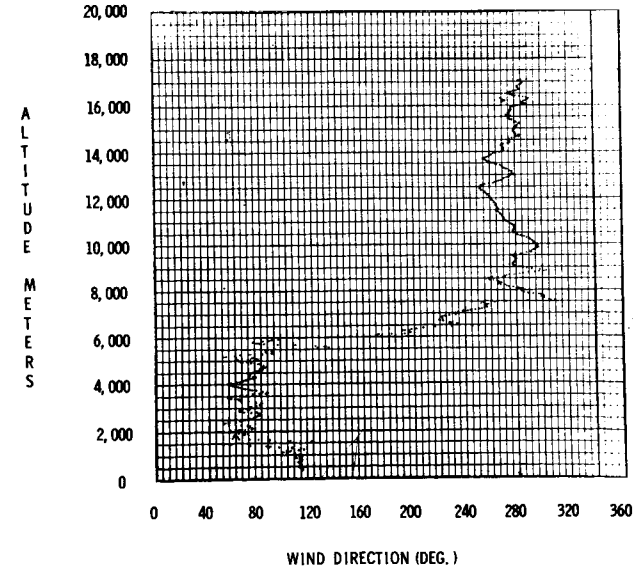
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



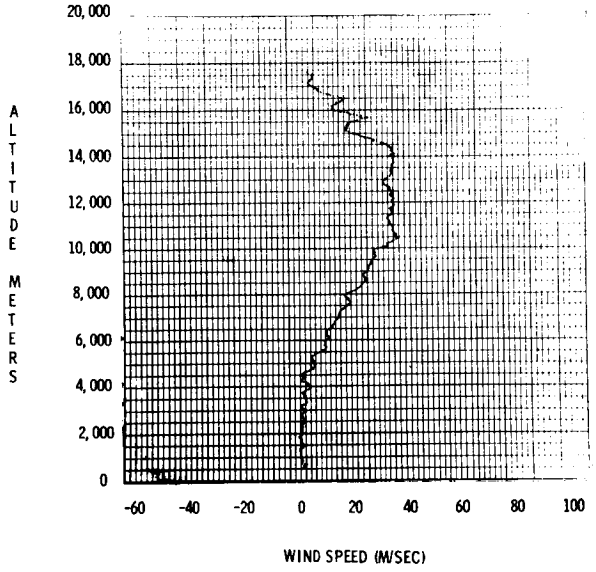
WIND DIRECTION PROFILE



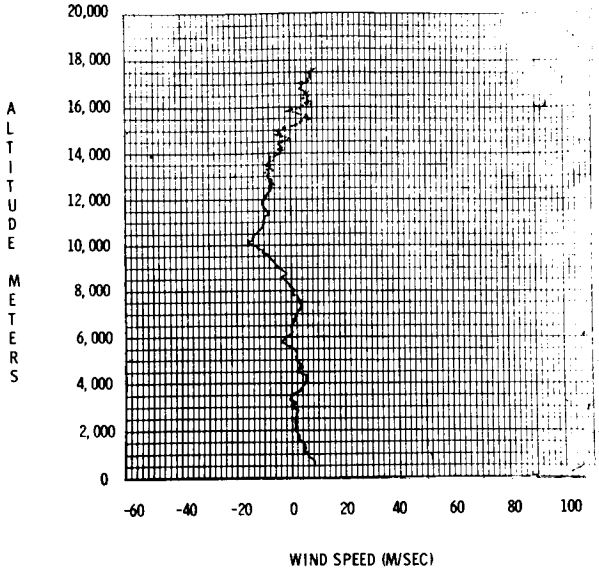
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2573 APRIL 26, 1965 1300Z ETR

FIGURE 94

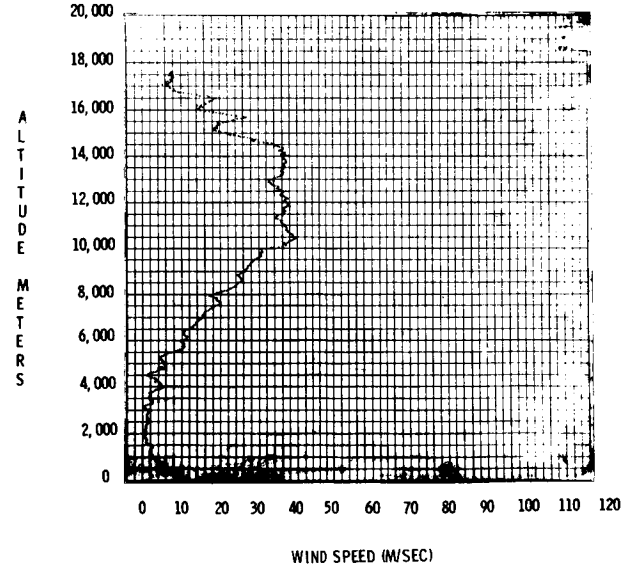
ZONAL WIND SPEED PROFILE



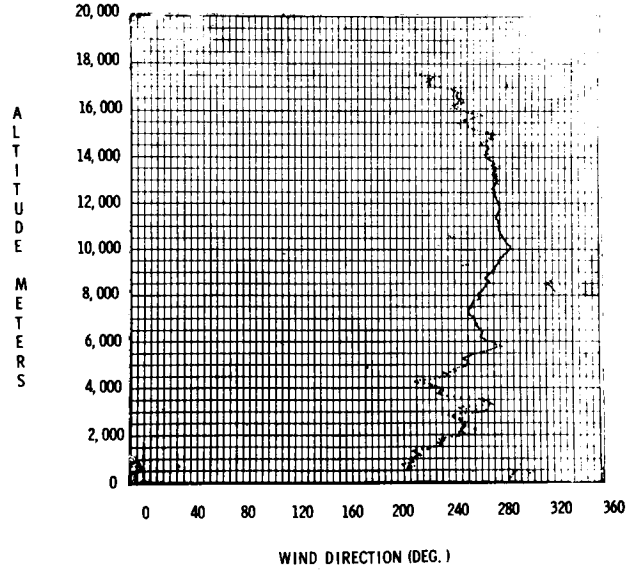
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



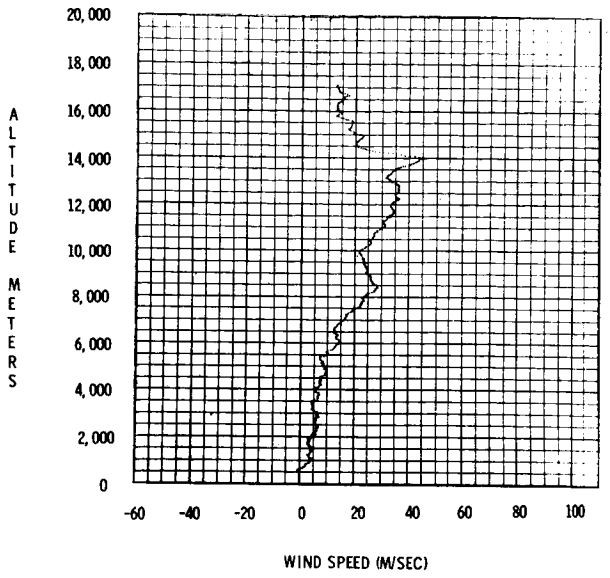
WIND DIRECTION PROFILE



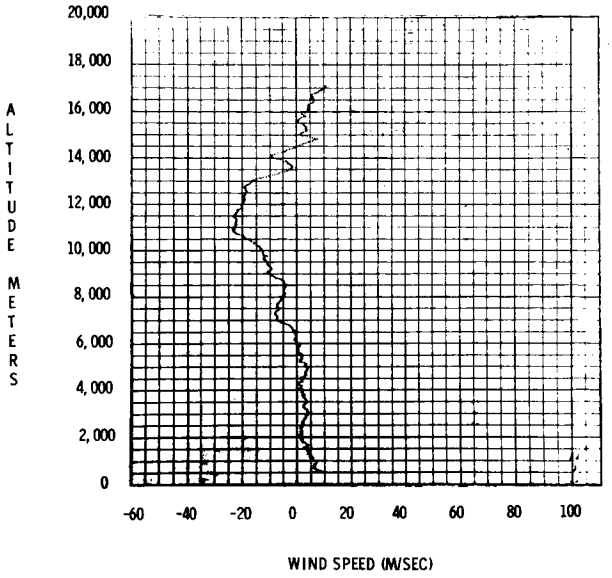
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2652-1 APRIL 27, 1965 1300Z ETR

FIGURE 95

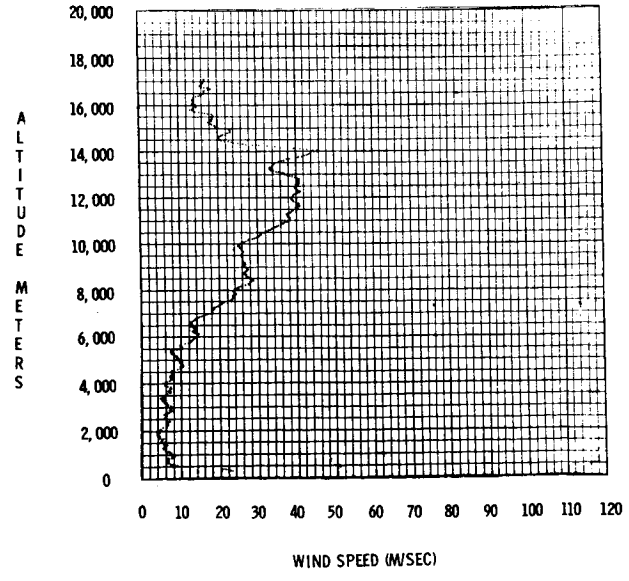
ZONAL WIND SPEED PROFILE



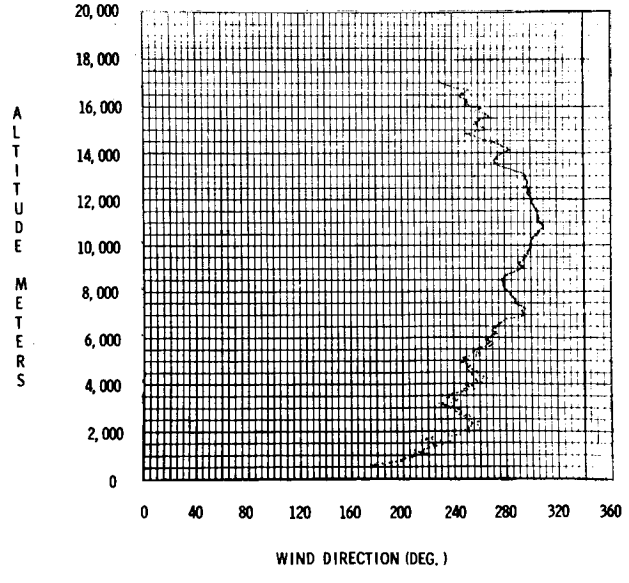
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



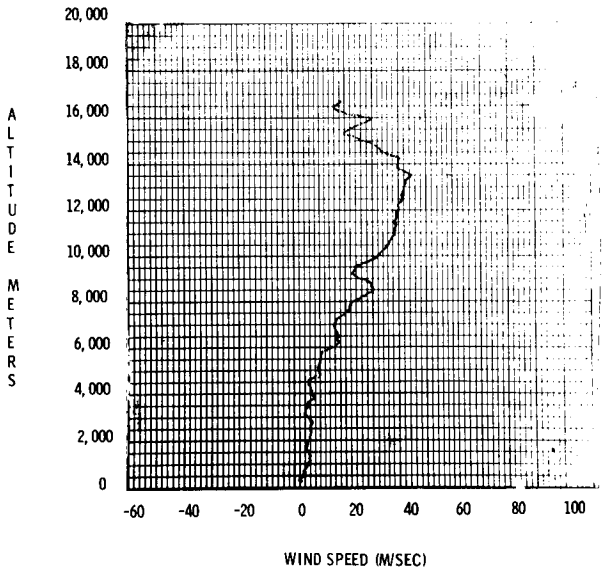
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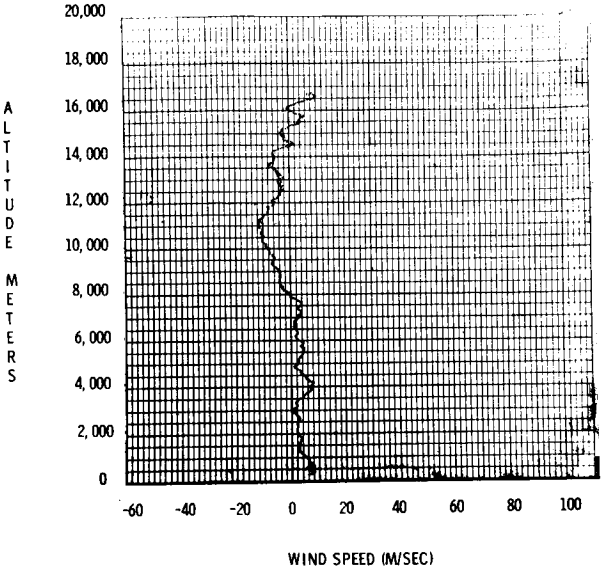
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2579 APRIL 27, 1965 0219Z ETR

FIGURE 96

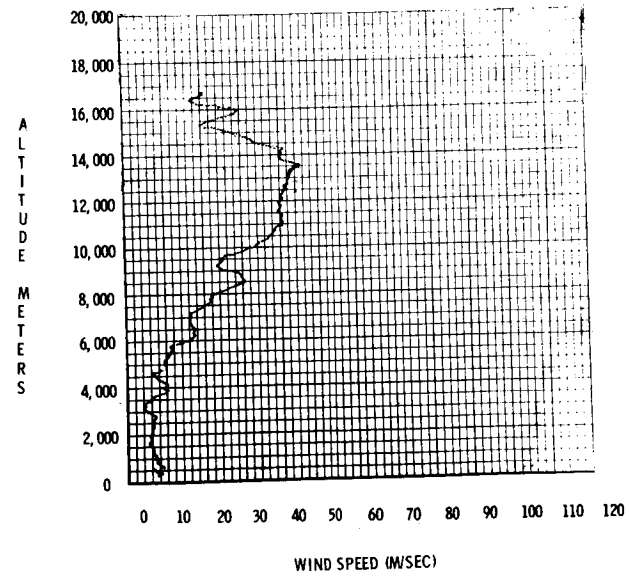
ZONAL WIND SPEED PROFILE



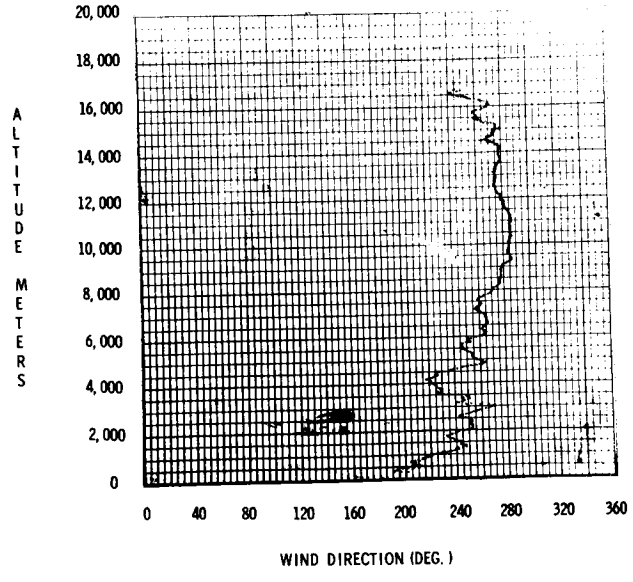
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



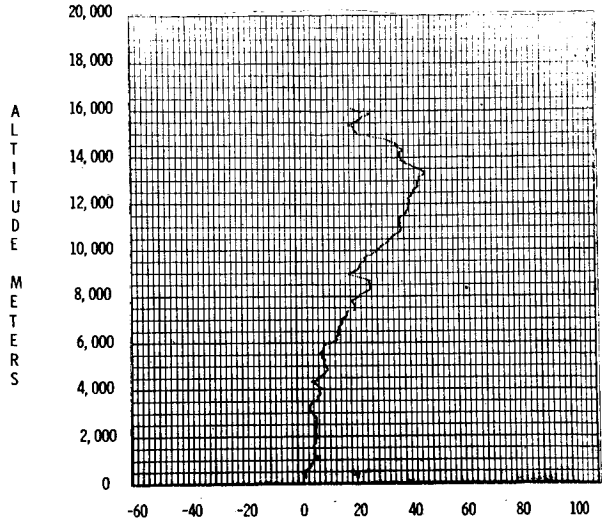
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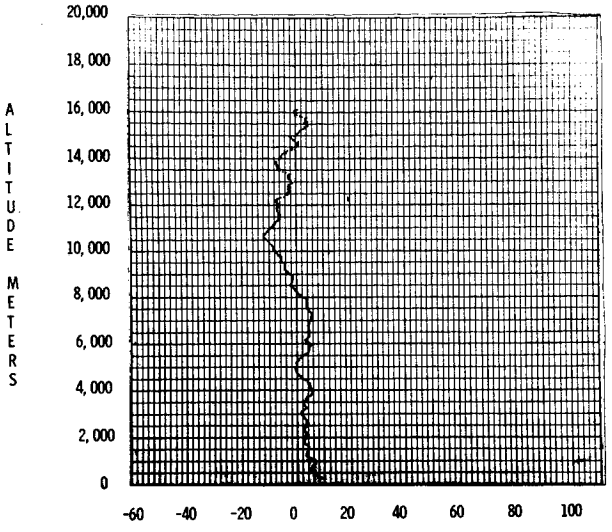
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2652-4 APRIL 27, 1965 1600Z ETR

FIGURE 97

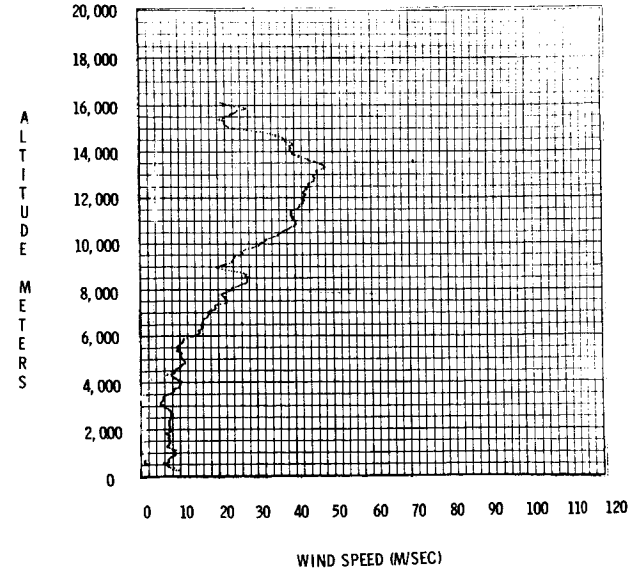
ZONAL WIND SPEED PROFILE



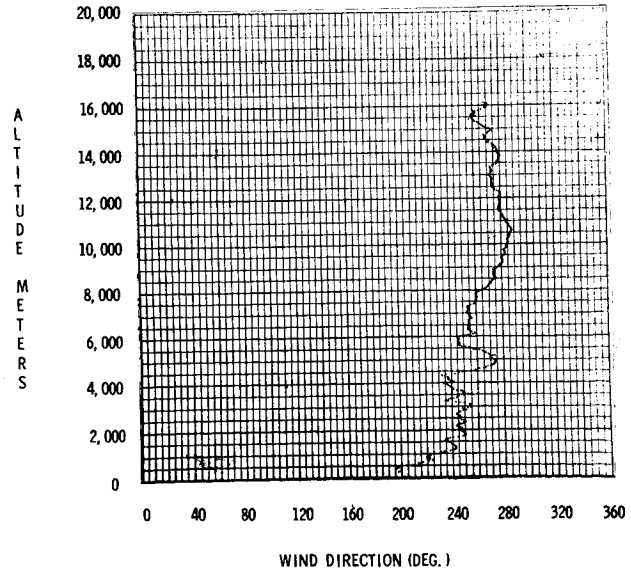
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



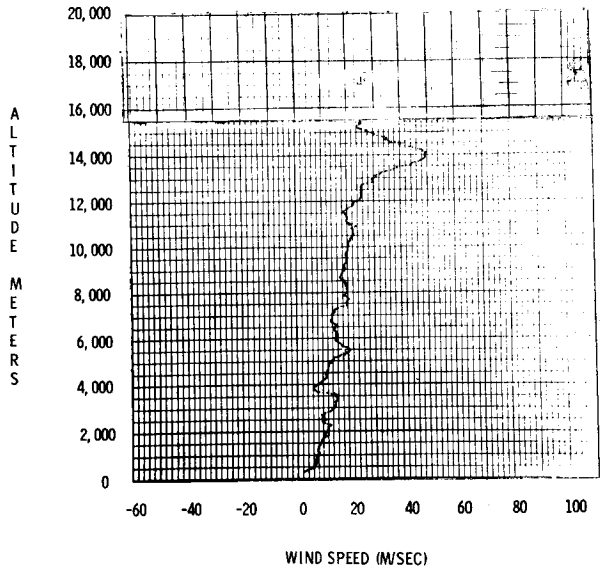
WIND DIRECTION PROFILE



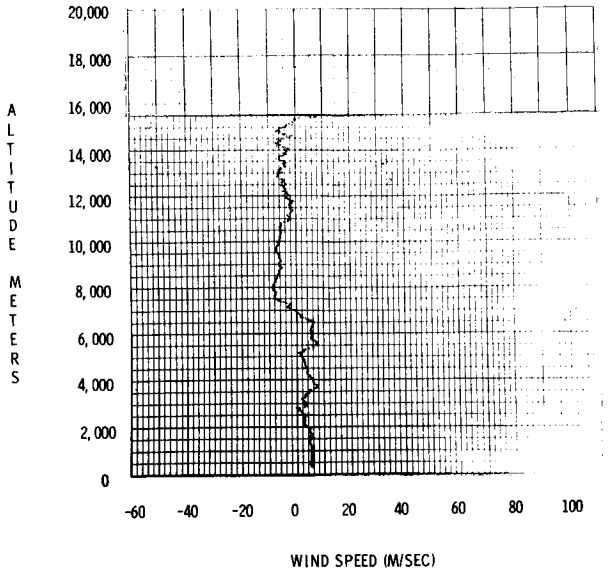
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2652-5, APRIL 27, 1965 1712Z

FIGURE 98

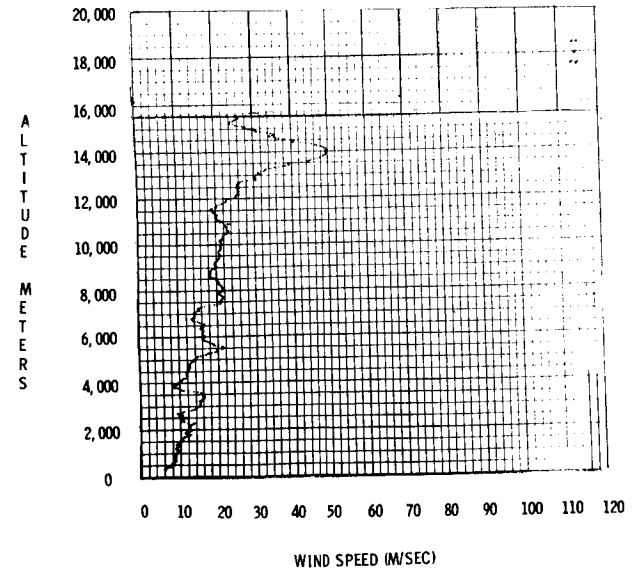
ZONAL WIND SPEED PROFILE



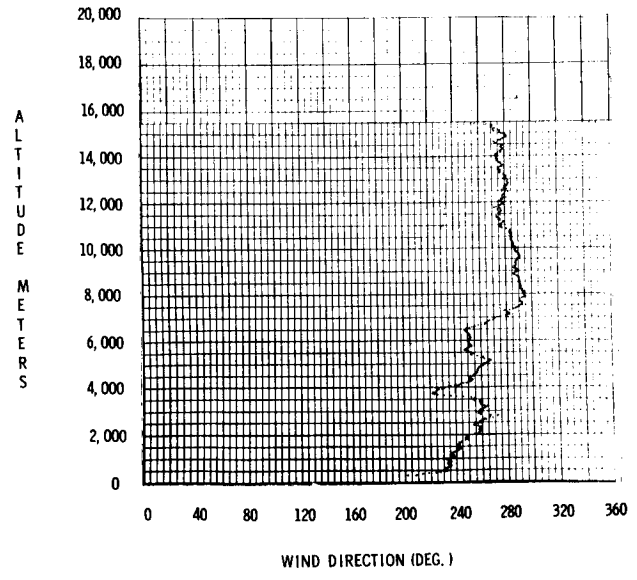
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



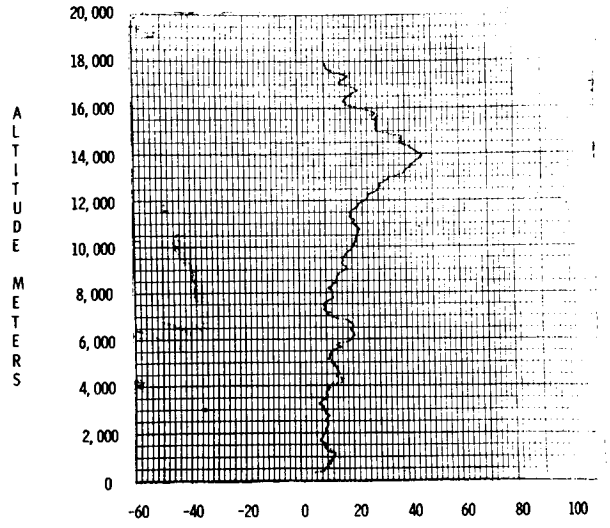
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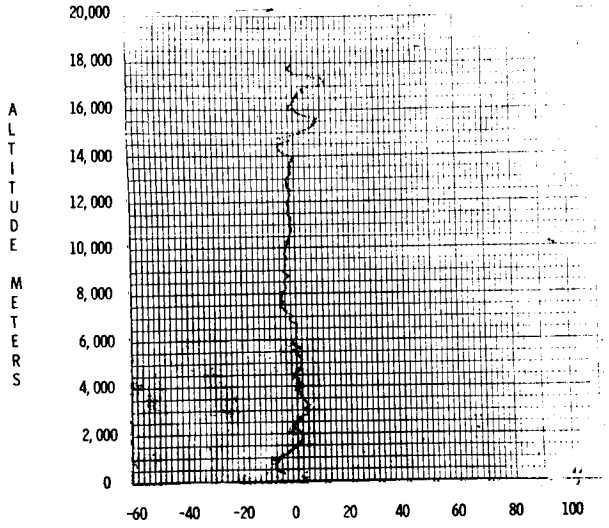
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2652-9 APRIL 27, 1965 2220Z ETR

FIGURE 99

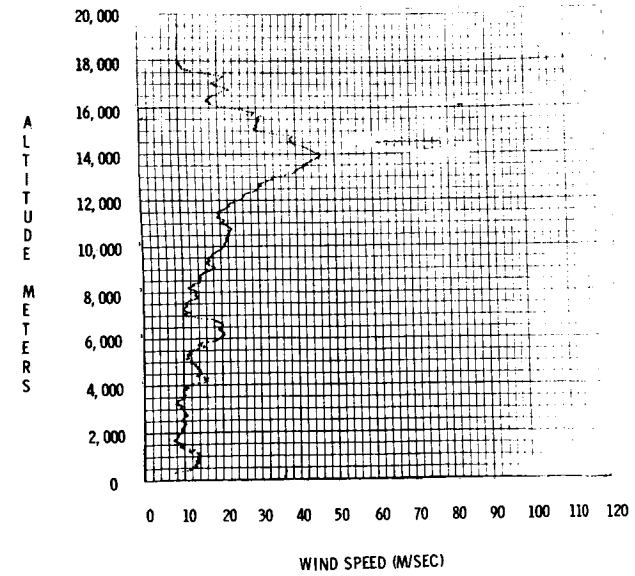
ZONAL WIND SPEED PROFILE



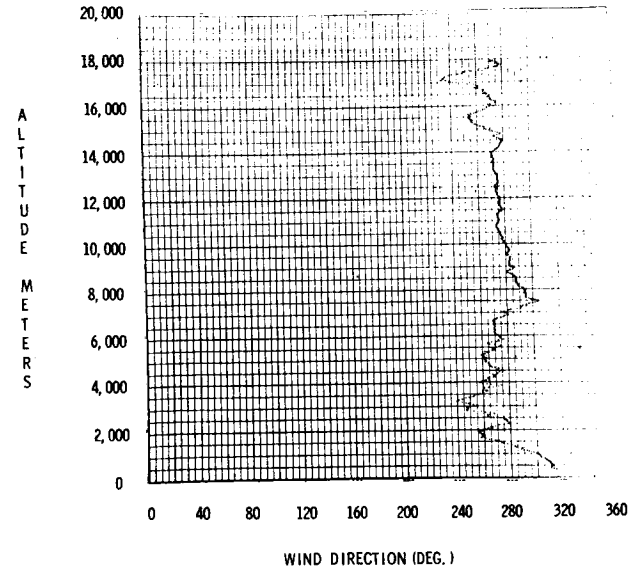
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



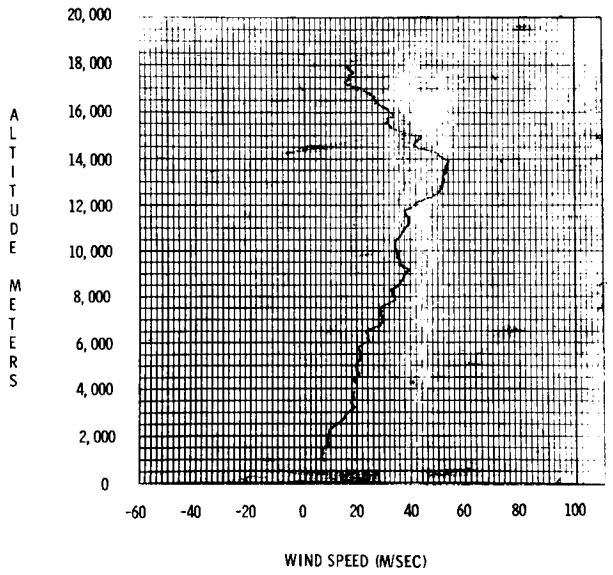
WIND DIRECTION PROFILE



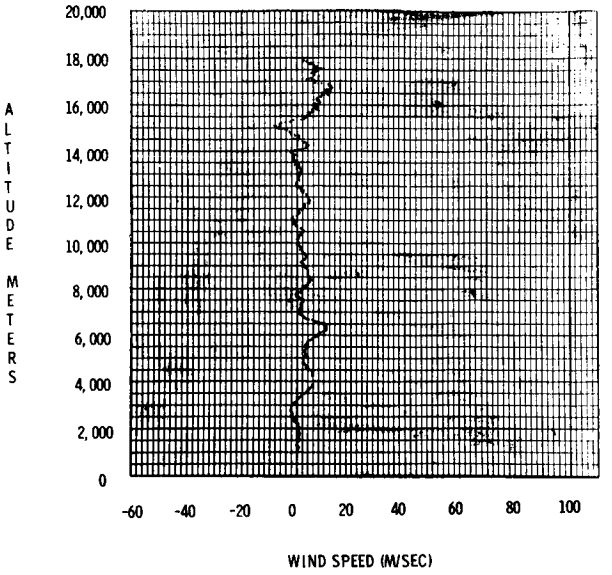
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2652-10 APRIL 27, 1965 2314 ETR

FIGURE 100

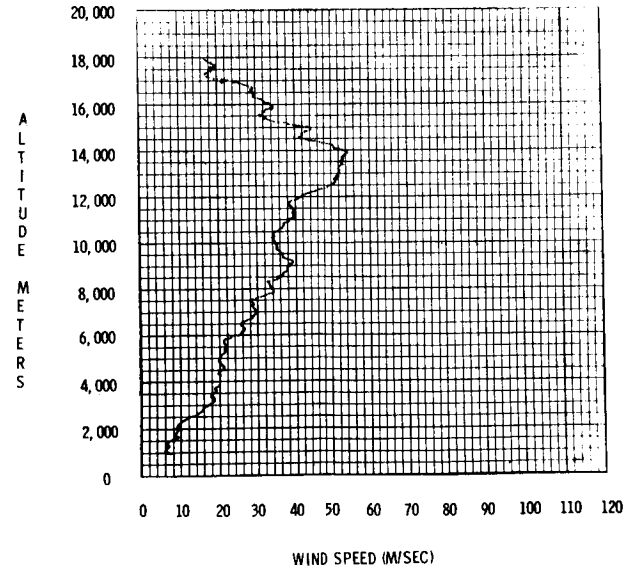
ZONAL WIND SPEED PROFILE



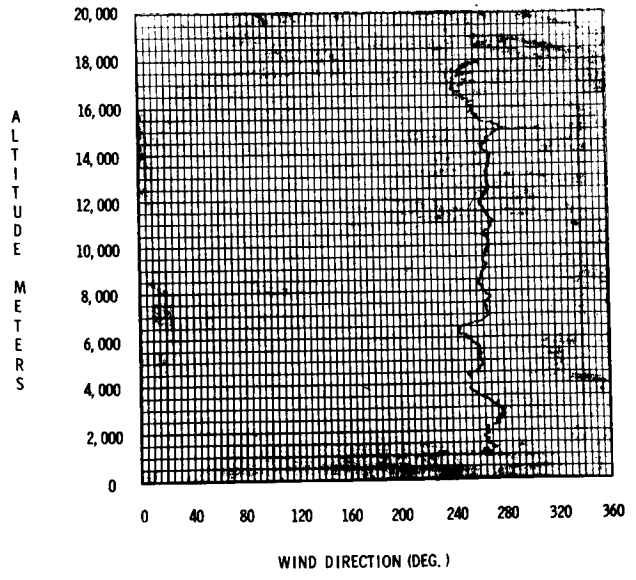
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



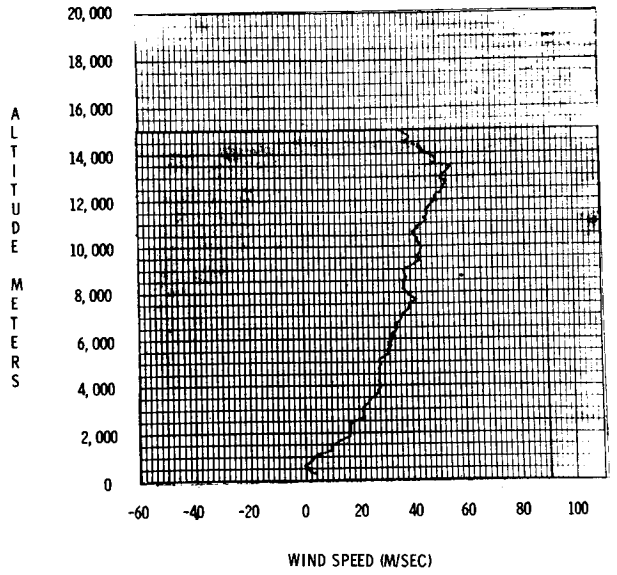
WIND DIRECTION PROFILE



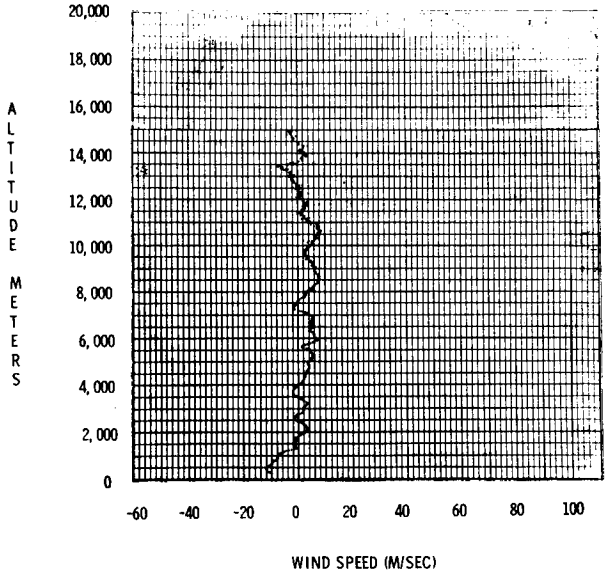
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2581 APRIL 29, 1965 0100Z ETR

FIGURE 101

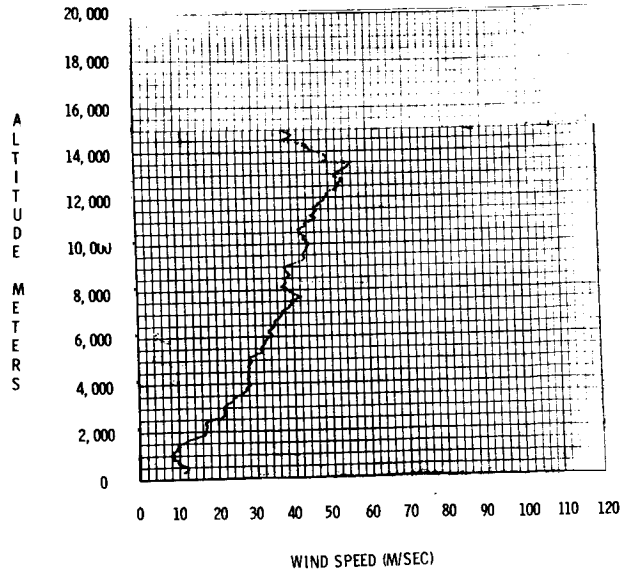
ZONAL WIND SPEED PROFILE



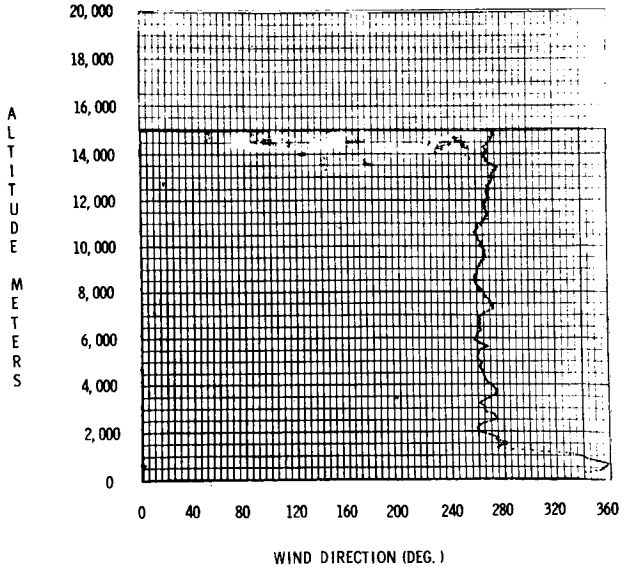
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



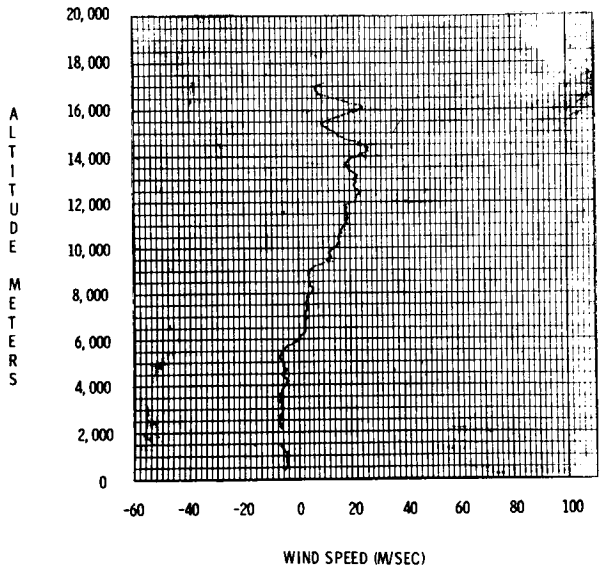
WIND DIRECTION PROFILE



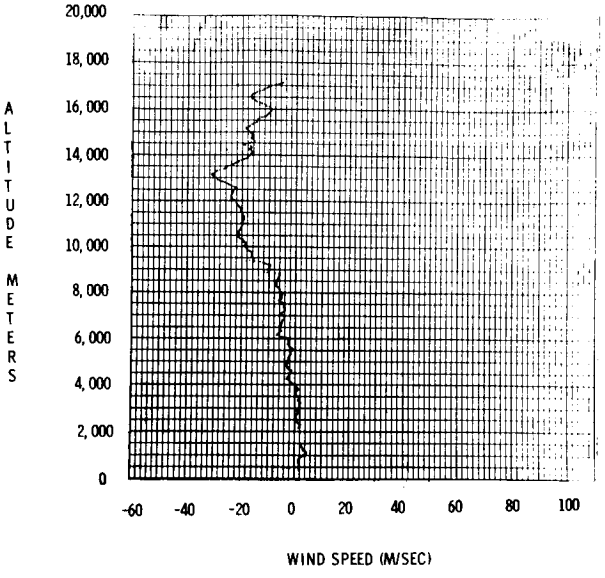
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2576 APRIL 29, 1965 1300Z ETR

FIGURE 102

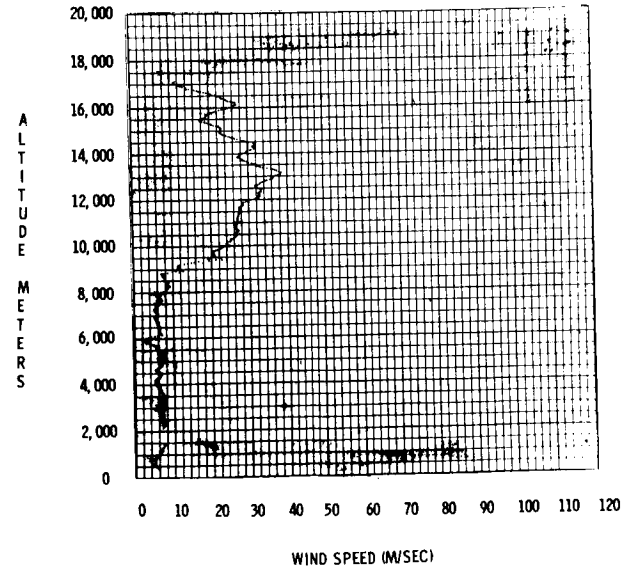
ZONAL WIND SPEED PROFILE



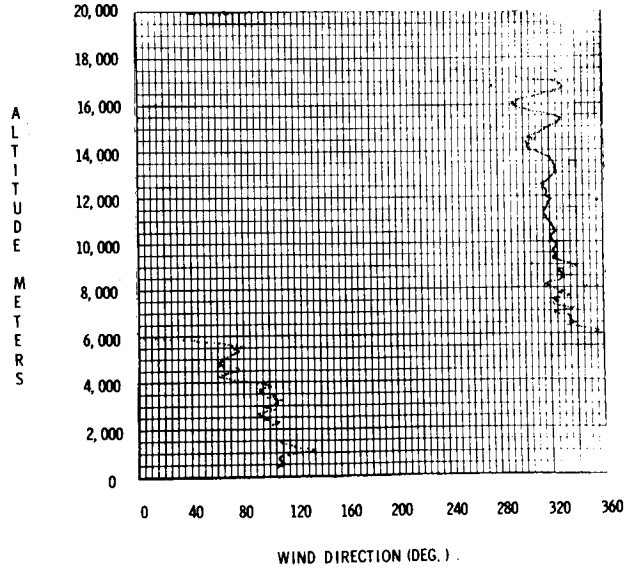
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



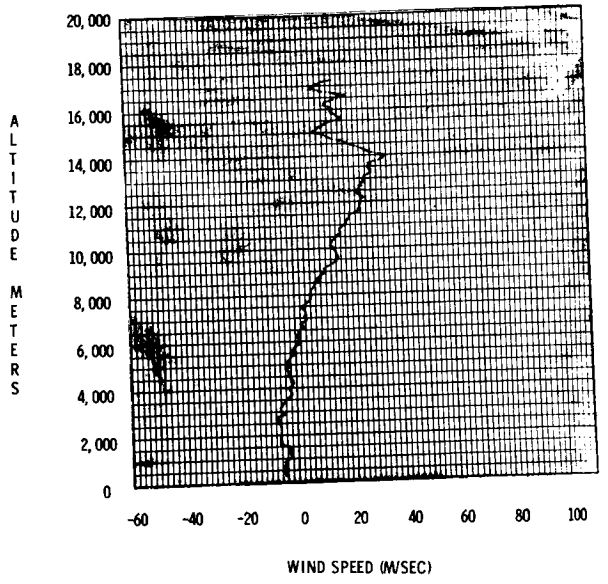
WIND DIRECTION PROFILE



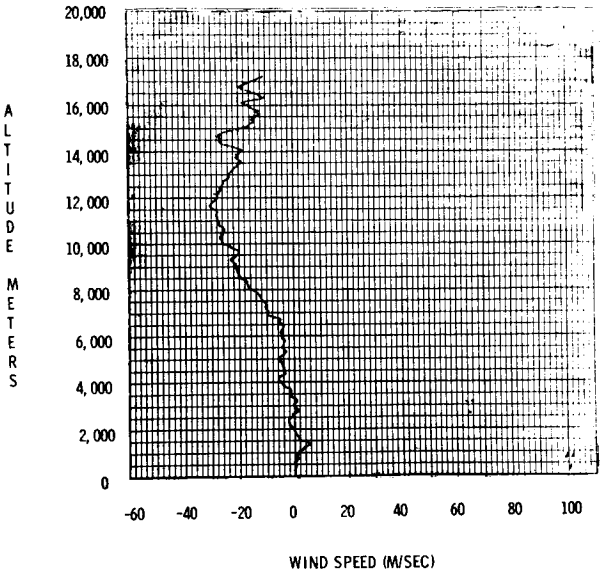
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2804 MAY 4, 1965 1300Z ETR

FIGURE 103

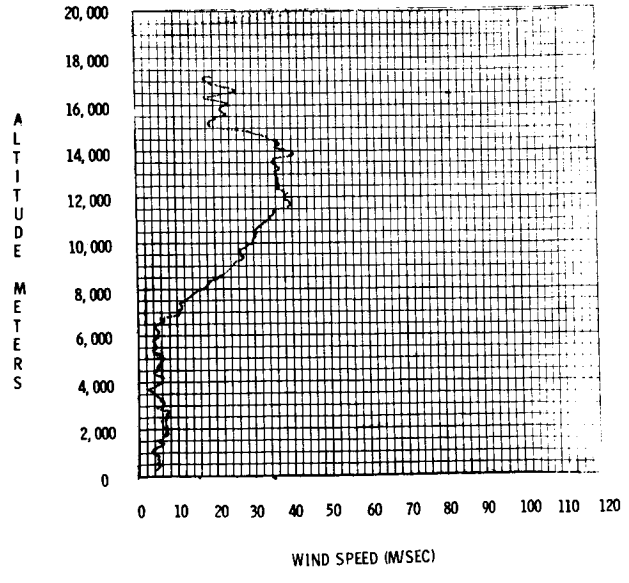
ZONAL WIND SPEED PROFILE



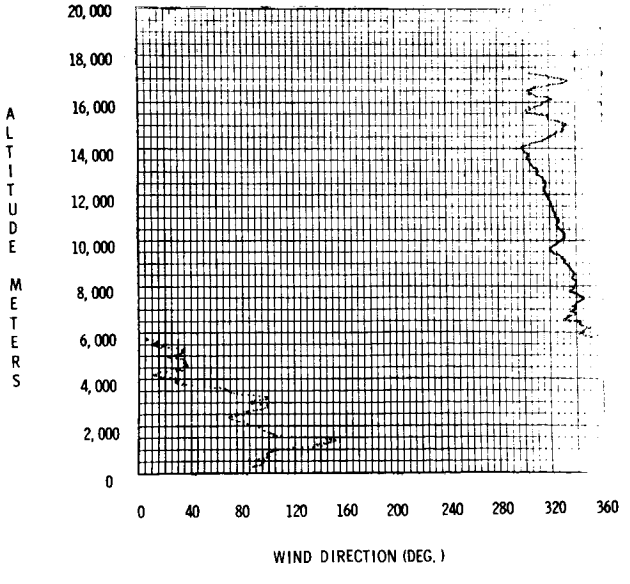
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



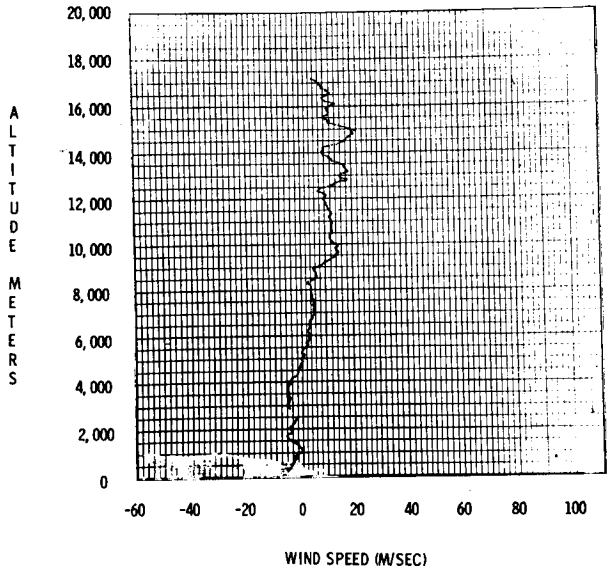
WIND DIRECTION PROFILE



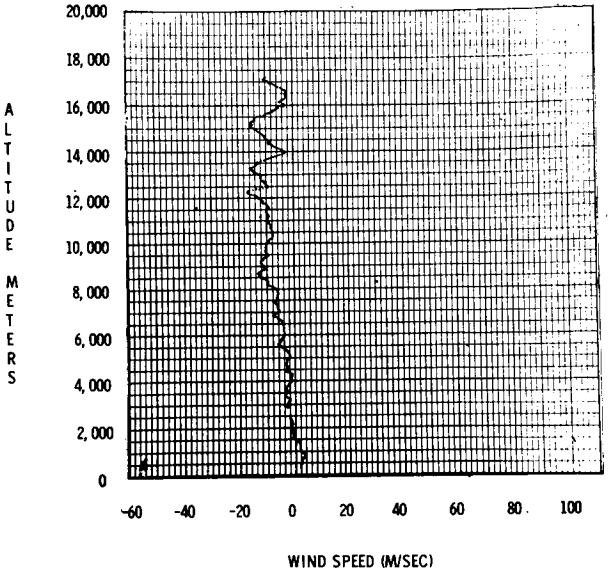
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2805 MAY 5, 1965 1300Z ETR

FIGURE 104

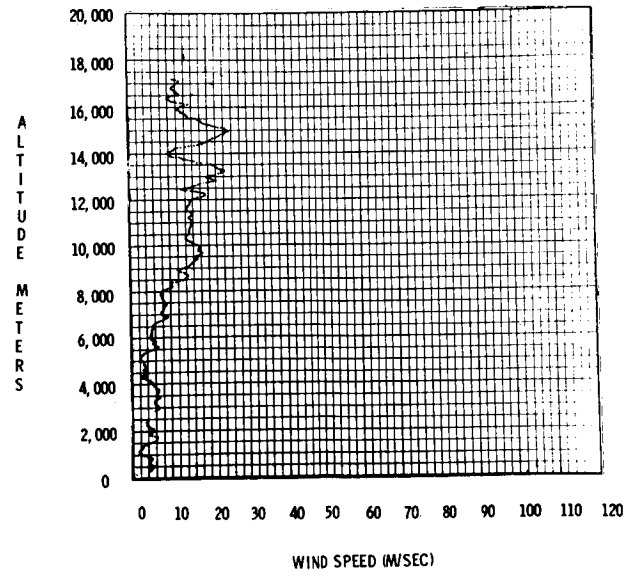
ZONAL WIND SPEED PROFILE



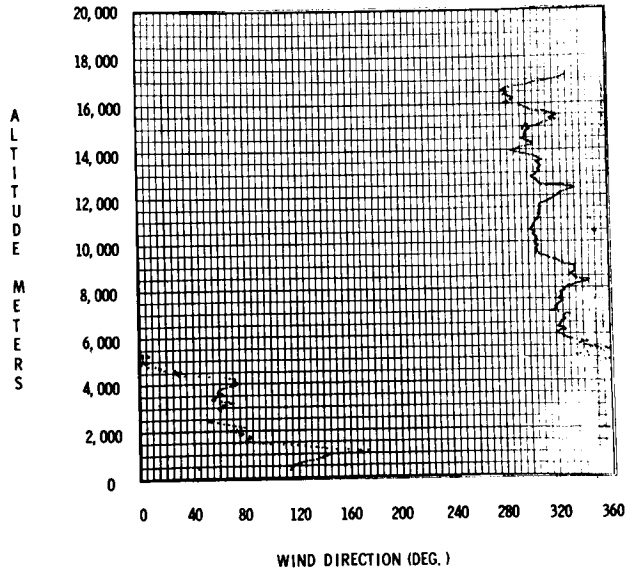
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



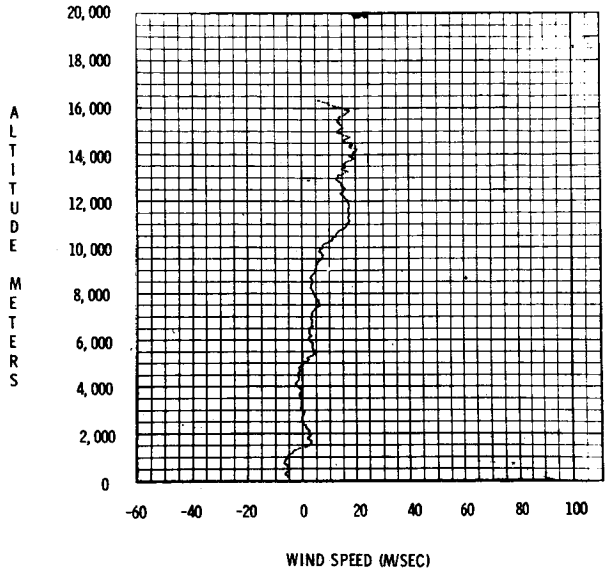
WIND DIRECTION PROFILE



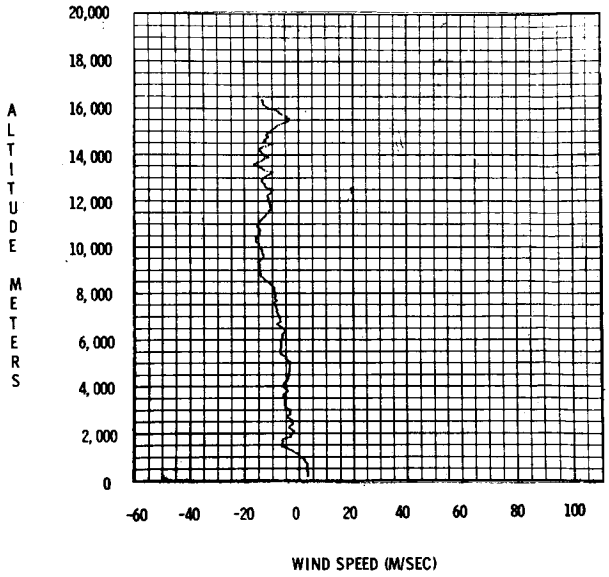
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2806 MAY 7 1965 1402Z ETR

FIGURE 105

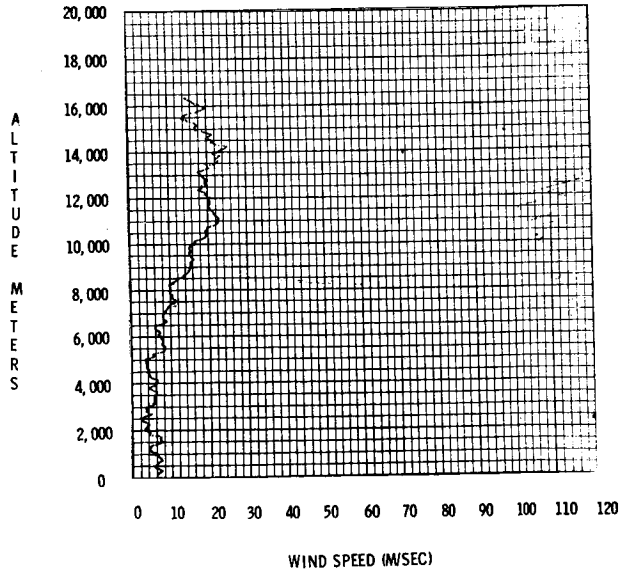
ZONAL WIND SPEED PROFILE



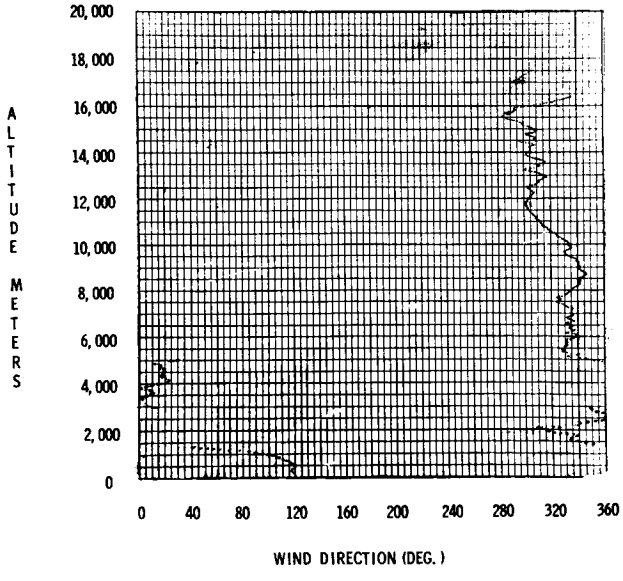
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



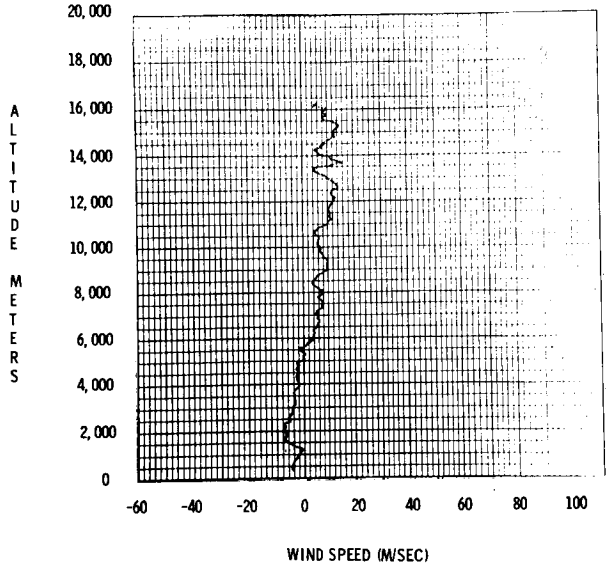
WIND DIRECTION PROFILE



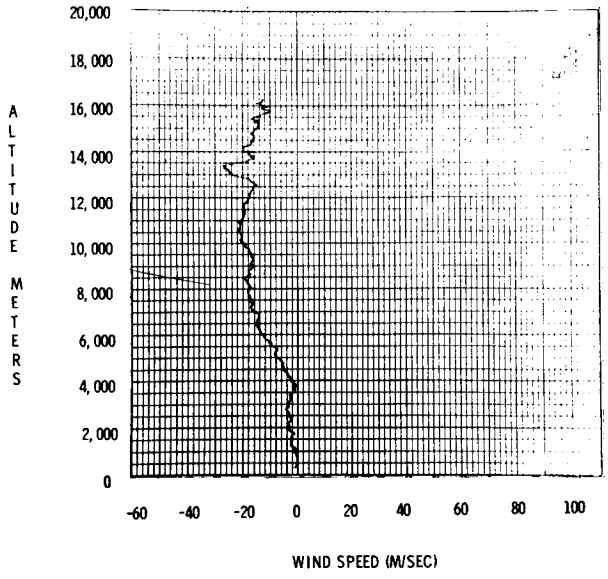
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2666 MAY 8, 1965 0219Z ETR

FIGURE 106

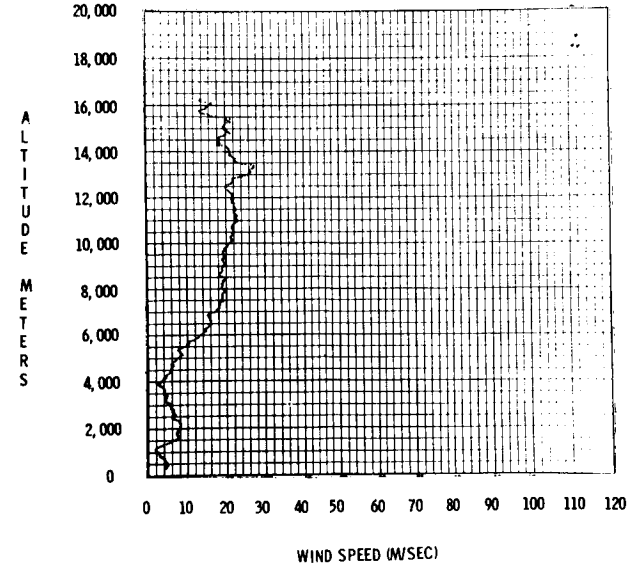
ZONAL WIND SPEED PROFILE



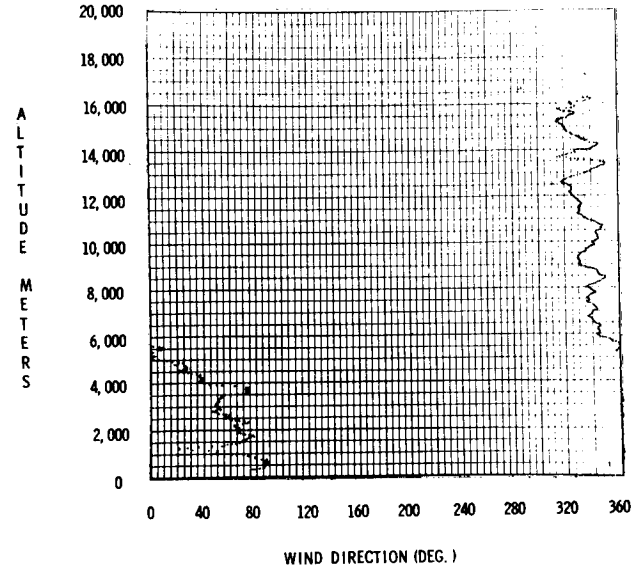
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



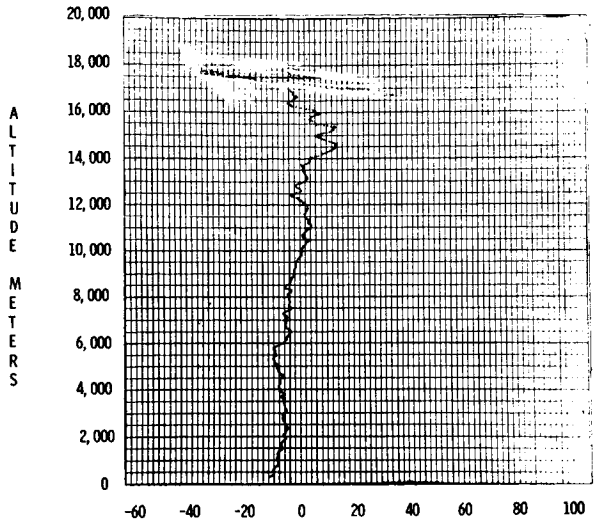
WIND DIRECTION PROFILE



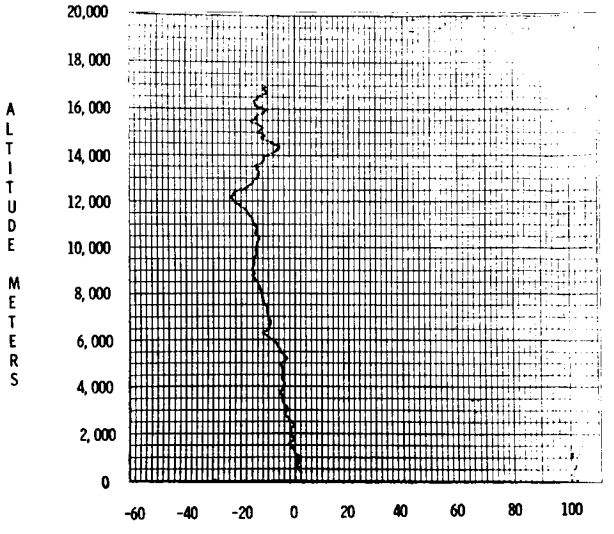
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2936 MAY 10, 1965 1300Z ETR

FIGURE 107

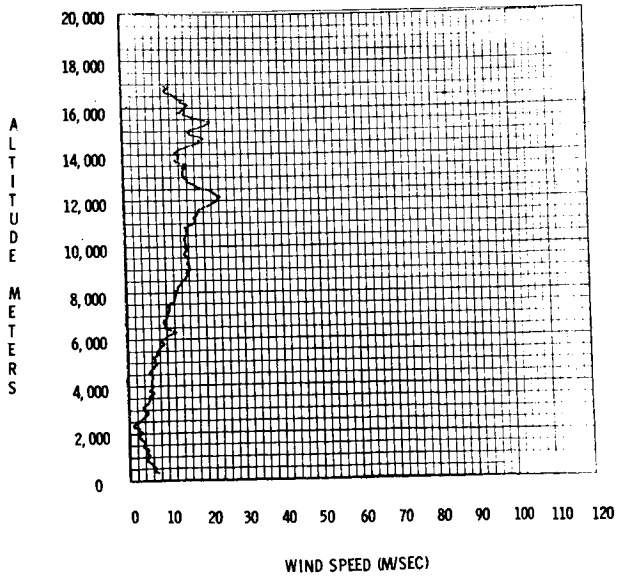
ZONAL WIND SPEED PROFILE



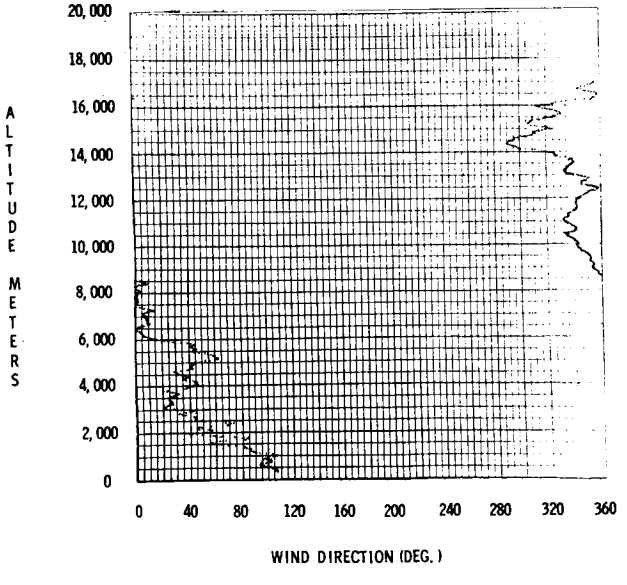
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



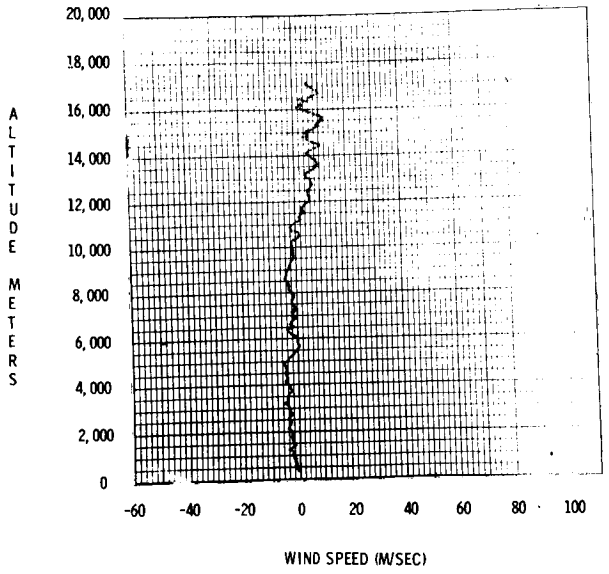
WIND DIRECTION PROFILE



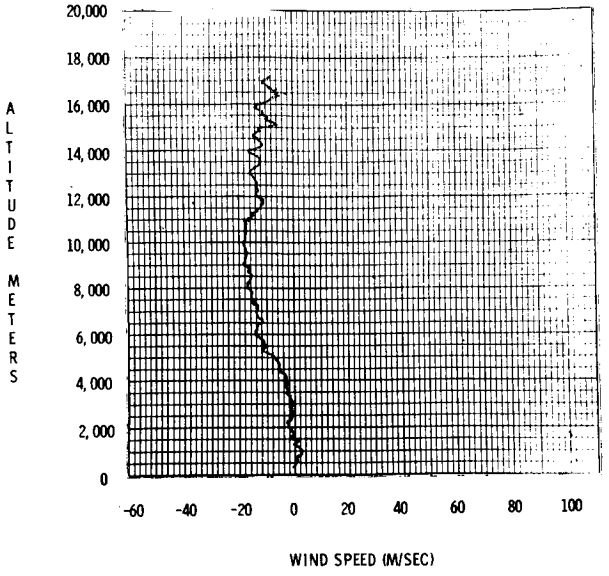
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2937 MAY 11, 1965 0100Z ETR

FIGURE 108

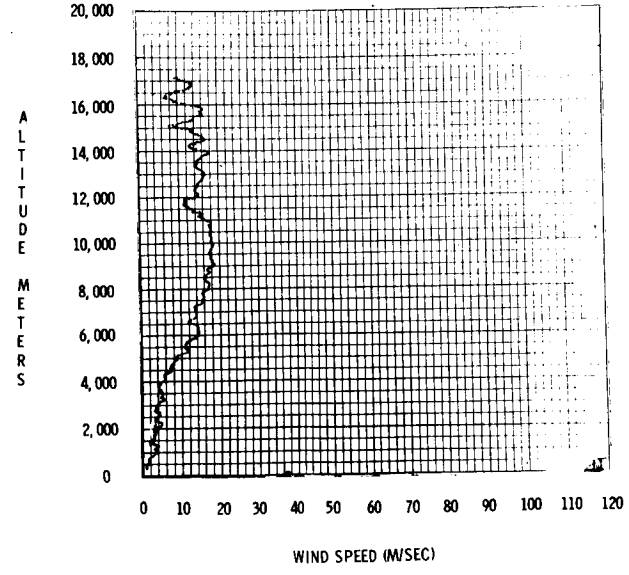
ZONAL WIND SPEED PROFILE



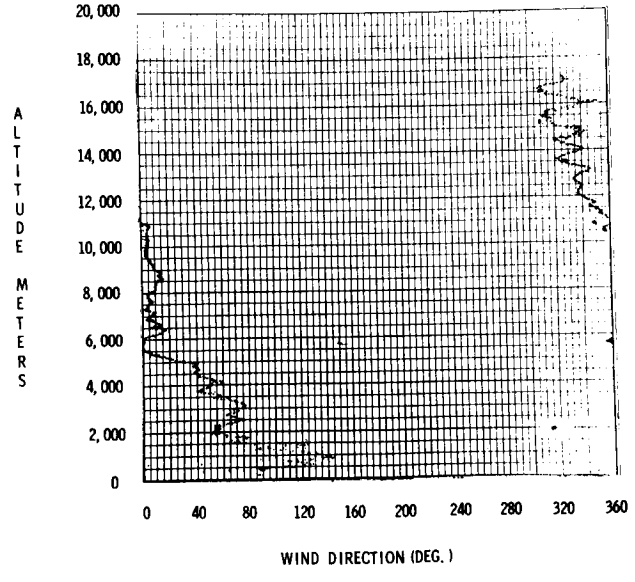
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



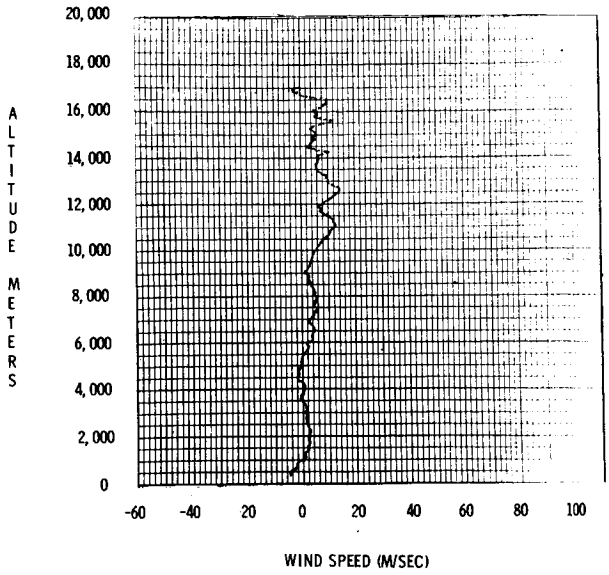
WIND DIRECTION PROFILE



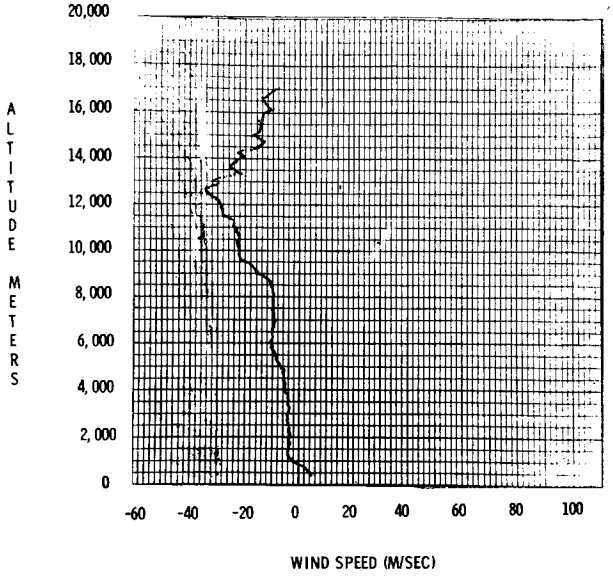
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2933 MAY 11, 1965 1300Z ETR

FIGURE 109

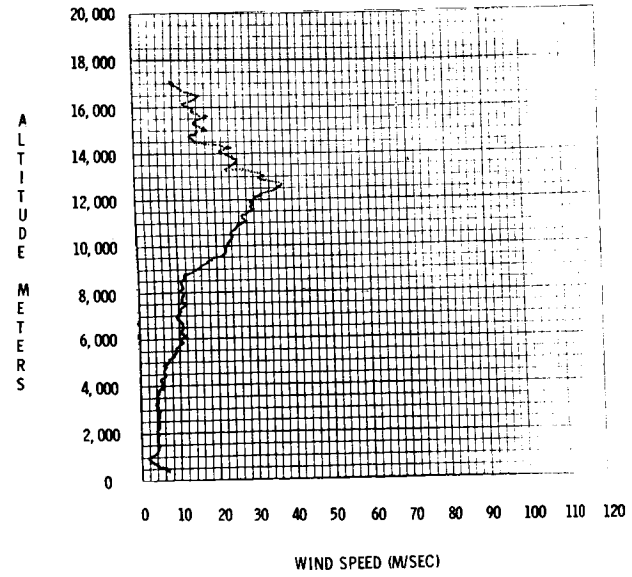
ZONAL WIND SPEED PROFILE



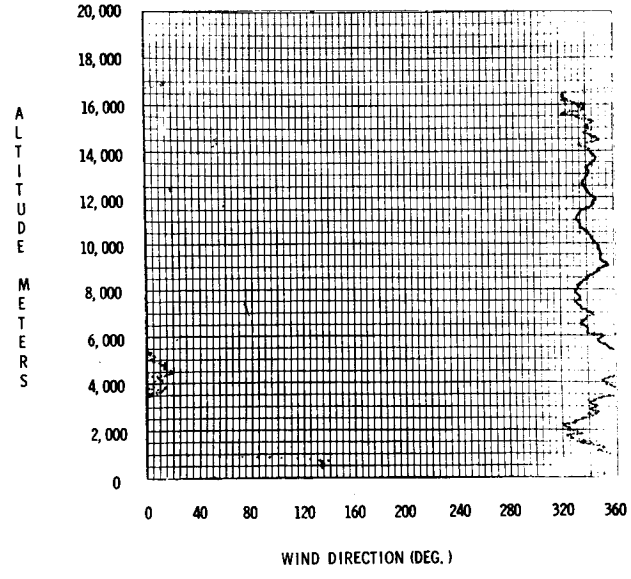
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



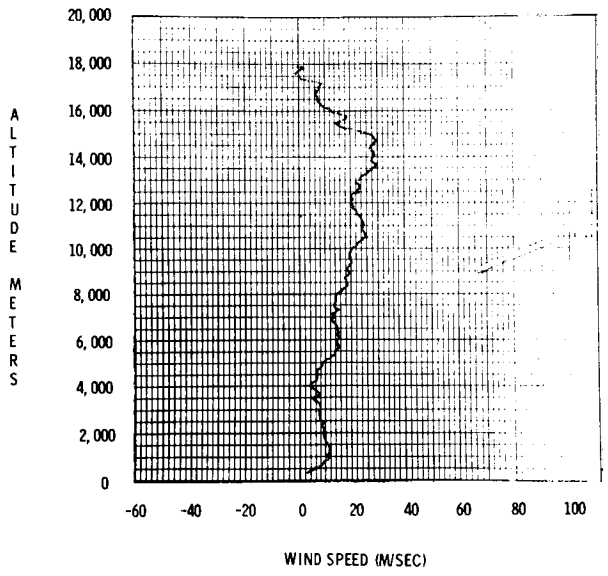
WIND DIRECTION PROFILE



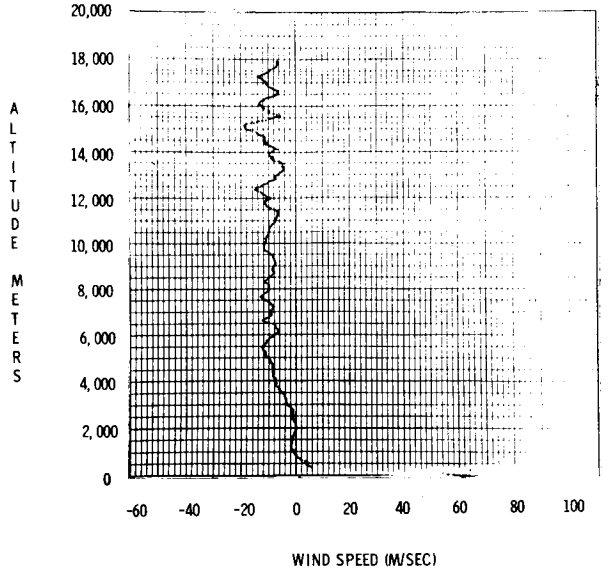
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2938 MAY 12, 1965 0115Z ETR

FIGURE 110

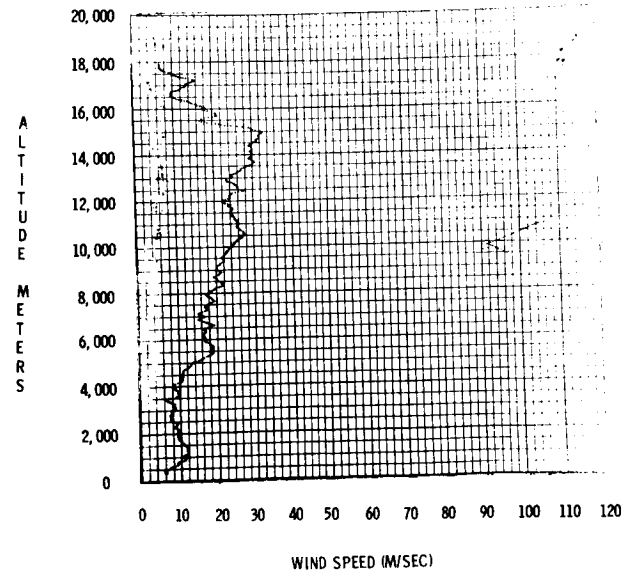
ZONAL WIND SPEED PROFILE



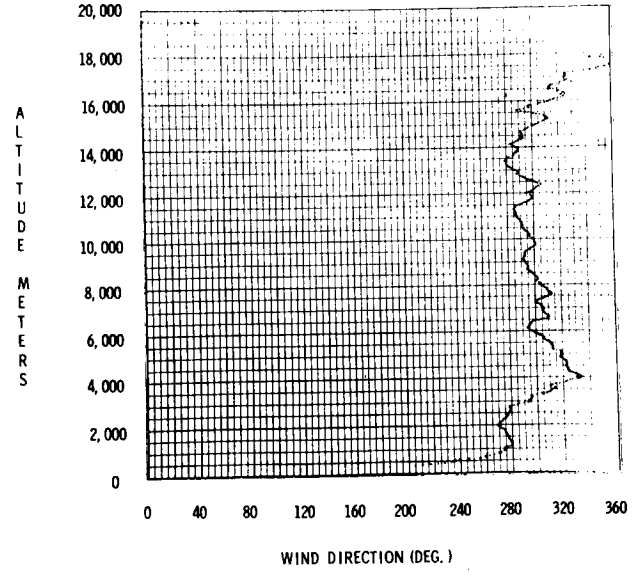
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



WIND DIRECTION PROFILE



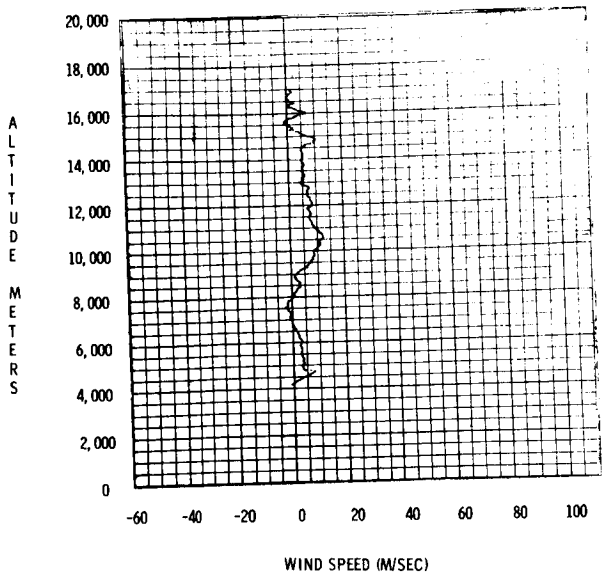
FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 2939 MAY 13, 1965 0100Z ETR

FIGURE 111

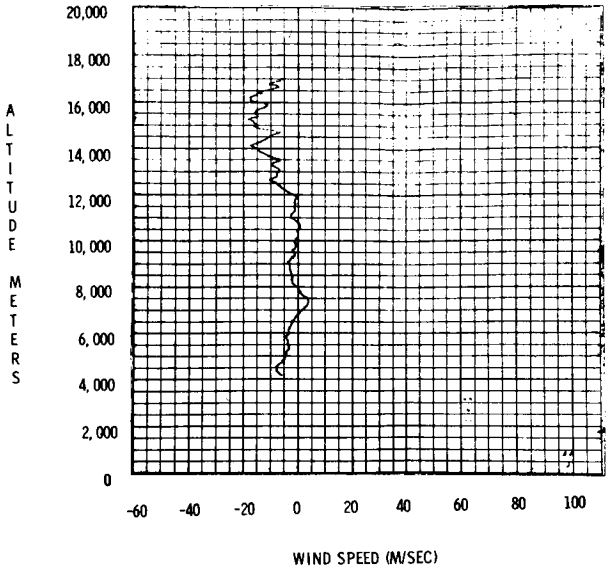
TABLE II

Tabulated FPS-16 Radar/Jimsphere Data,
Eastern Test Range

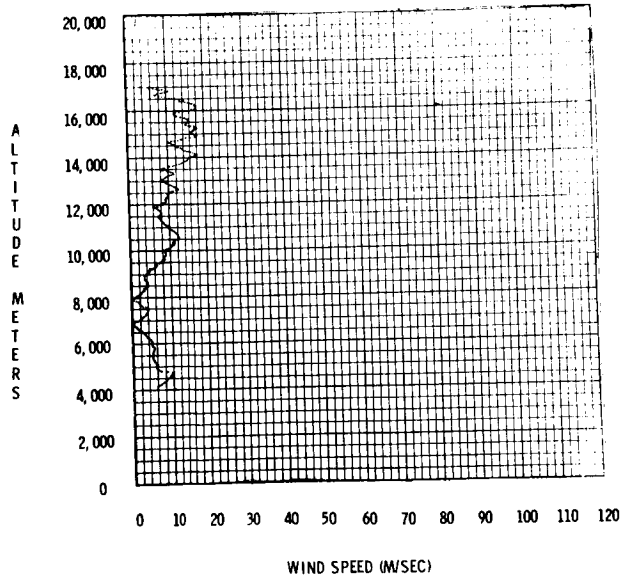
ZONAL WIND SPEED PROFILE



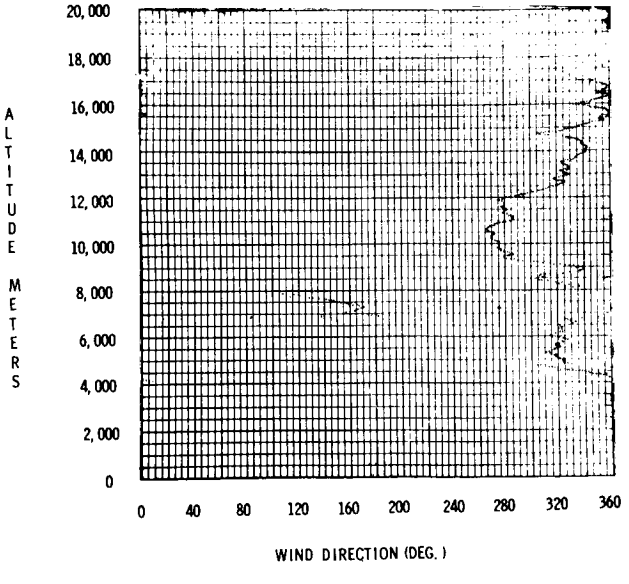
MERIDIONAL WIND SPEED PROFILE



SCALAR WIND SPEED PROFILE



WIND DIRECTION PROFILE



FPS-16 RADAR/JIMSPHERE PROFILE DATA TEST NR. 3264 MAY 25, 1965 0754Z ETR

FIGURE 112

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 7975 11/28/64, 1455Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1350	2.70	6.71	7.23	202	2350	3.02	1.61	3.42	242	3350	3.76	4.66	5.99	219
1375	2.74	6.69	7.23	202	2375	2.54	2.01	3.24	231	3375	3.63	4.78	6.12	218
1400	2.90	6.86	7.45	203	2400	2.13	2.40	3.21	221	3400	3.75	4.75	6.07	218
1425	3.09	6.95	7.61	204	2425	1.96	3.04	3.62	213	3425	3.46	4.48	5.68	218
1450	3.30	7.05	7.78	205	2450	1.99	3.61	4.12	209	3450	3.39	4.47	5.61	217
1475	3.26	6.98	7.71	205	2475	2.30	4.12	4.72	209	3475	3.40	4.59	5.71	216
1500	2.88	6.61	7.21	203	2500	2.67	4.27	5.03	212	3500	3.12	4.59	5.54	214
1525	2.53	6.43	6.91	201	2525	2.96	4.18	5.12	215	3525	2.95	4.60	5.47	212
1550	2.55	6.48	6.96	201	2550	3.31	4.20	5.35	218	3550	3.04	4.47	5.40	214
1575	2.70	6.32	6.87	203	2575	3.46	4.08	5.35	220	3575	3.12	4.23	5.25	216
1600	2.71	5.99	6.58	204	2600	3.56	4.32	5.60	219	3600	3.20	3.99	5.12	219
1625	2.62	5.68	6.25	205	2625	3.57	4.68	5.85	217	3625	3.32	3.61	4.91	222
1650	2.39	5.42	5.92	204	2650	3.60	4.76	5.97	217	3650	3.34	3.19	4.62	226
1675	2.18	5.26	5.69	202	2675	3.64	4.79	6.02	217	3675	3.28	2.76	4.29	230
1700	2.28	5.17	5.65	204	2700	3.58	5.18	6.30	215	3700	3.43	2.55	4.27	233
1725	2.67	4.58	5.30	210	2725	3.50	5.27	6.33	213	3725	3.34	2.45	4.14	234
1750	3.06	3.98	5.03	217	2750	3.60	5.15	6.28	215	3750	3.00	2.47	3.89	230
1775	3.63	3.31	4.92	227	2775	3.73	5.10	6.32	216	3775	2.93	2.87	4.10	225
1800	4.04	2.72	4.87	236	2800	3.63	4.77	5.99	217	3800	2.82	3.31	4.35	220
1825	4.61	2.14	5.08	245	2825	3.73	5.03	6.26	216	3825	2.63	3.50	4.38	217
1850	4.92	1.75	5.22	250	2850	3.93	5.33	6.62	216	3850	2.46	3.71	4.45	213
1875	4.89	1.80	5.21	250	2875	4.21	5.69	7.08	216	3875	2.39	3.92	4.59	211
1900	4.83	1.96	5.21	248	2900	4.24	5.99	7.33	215	3900	2.44	4.02	4.70	211
1925	5.14	1.83	5.45	250	2925	4.08	5.74	7.04	215	3925	2.50	4.15	4.84	211
1950	5.48	1.52	5.69	254	2950	3.98	5.43	6.73	216	3950	2.65	4.22	4.98	212
1975	5.62	1.16	5.74	258	2975	3.92	5.47	6.73	215	3975	2.79	4.21	5.05	213
2000	5.66	1.08	5.77	259	3000	4.06	5.47	6.81	216	4000	2.92	4.11	5.04	215
2025	5.57	1.30	5.72	257	3025	4.01	5.20	6.57	217	4025	3.23	3.93	5.15	220
2050	5.61	1.40	5.78	256	3050	4.23	5.63	7.05	217	4050	3.17	3.61	5.22	226
2075	5.67	1.34	5.82	256	3075	4.59	5.84	7.43	218	4075	3.05	3.20	5.16	232
2100	5.75	1.16	5.87	258	3100	4.65	5.57	7.25	220	4100	4.01	2.88	4.94	234
2125	6.17	0.94	6.24	261	3125	5.03	5.69	7.59	221	4125	4.08	2.91	5.02	234
2150	6.39	0.91	6.46	262	3150	5.33	5.52	7.67	224	4150	4.11	2.81	4.98	235
2175	6.10	0.90	6.16	261	3175	5.24	5.00	7.24	226	4175	4.18	2.91	5.09	235
2200	6.01	0.75	6.06	263	3200	5.04	4.75	6.93	227	4200	4.48	3.09	5.44	235
2225	5.59	0.63	5.62	263	3225	4.81	4.72	6.73	225	4225	4.69	2.81	5.47	239
2250	4.85	0.73	4.90	261	3250	4.53	4.90	6.68	223	4250	4.93	2.62	5.58	242
2275	4.42	0.88	4.51	259	3275	4.20	4.84	6.41	221	4275	5.09	2.61	5.72	243
2300	3.96	0.82	4.04	258	3300	3.97	4.59	6.07	221	4300	5.25	2.79	5.95	242
2325	3.43	1.07	3.59	252	3325	3.86	4.65	6.05	220	4325	5.17	2.96	5.96	240

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 7975 11/28/64, 1455Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4350	5.17	3.03	5.99	239	5350	7.39	0.16	7.40	269	6350	8.23	8.14	10.27	233
4375	4.86	2.90	5.65	239	5375	6.87	0.26	6.88	268	6375	8.12	8.16	10.19	233
4400	4.36	2.82	5.19	237	5400	6.53	0.43	6.54	266	6400	8.29	8.42	10.49	232
4425	4.29	2.76	5.10	237	5425	6.35	0.61	6.38	264	6425	8.25	8.25	10.35	233
4450	4.27	2.56	4.98	239	5450	6.05	0.82	6.10	262	6450	8.35	8.51	10.23	235
4475	4.52	2.46	5.14	241	5475	5.65	1.01	5.74	260	6475	8.65	8.75	10.35	236
4500	4.65	2.30	5.19	243	5500	5.43	1.20	5.56	257	6500	8.68	8.80	10.34	237
4525	4.49	2.15	4.98	244	5525	5.47	1.65	5.71	253	6525	8.65	8.69	10.52	237
4550	4.45	2.06	4.90	245	5550	5.76	1.97	6.09	251	6550	8.71	8.76	10.44	236
4575	4.53	1.94	4.93	247	5575	5.91	2.01	6.24	251	6575	8.69	8.83	10.46	236
4600	4.70	1.98	5.10	247	5600	6.07	2.15	6.44	250	6600	8.56	8.91	10.73	236
4625	4.87	2.04	5.29	247	5625	6.23	2.36	6.66	249	6625	9.06	8.98	10.86	236
4650	5.21	1.87	5.53	250	5650	6.31	2.40	6.75	249	6650	9.24	8.21	11.22	236
4675	5.75	1.66	5.98	254	5675	6.36	2.33	6.78	250	6675	9.40	8.12	11.21	237
4700	6.18	1.44	6.35	257	5700	6.36	2.40	6.79	249	6700	9.19	8.80	10.86	238
4725	6.29	1.26	6.41	259	5725	6.17	2.40	6.62	249	6725	9.17	8.82	10.86	237
4750	6.39	1.20	6.50	259	5750	5.91	2.44	6.39	247	6750	9.14	8.98	10.92	237
4775	6.47	1.15	6.57	260	5775	5.93	2.49	6.43	247	6775	8.79	8.09	10.69	235
4800	6.53	1.20	6.64	259	5800	6.08	2.70	6.65	246	6800	8.26	8.08	10.26	233
4825	6.57	1.30	6.70	259	5825	6.13	3.11	6.87	243	6825	8.11	8.91	10.03	234
4850	6.61	1.11	6.70	260	5850	6.28	3.41	7.15	241	6850	8.17	8.67	9.95	235
4875	6.56	0.94	6.63	262	5875	6.28	3.62	7.25	240	6875	7.97	8.61	9.75	235
4900	6.83	0.84	6.88	263	5900	6.33	4.00	7.48	238	6900	7.82	8.29	9.45	236
4925	7.62	0.76	7.66	264	5925	6.39	4.31	7.71	236	6925	8.11	8.54	9.50	239
4950	7.68	0.76	7.72	264	5950	6.44	4.37	7.79	236	6950	8.29	8.00	9.68	239
4975	7.93	0.89	7.98	263	5975	6.61	4.44	7.96	236	6975	8.14	8.06	9.58	238
5000	8.16	1.10	8.23	262	6000	6.77	4.63	8.20	235	7000	8.23	8.96	9.61	239
5025	7.63	1.33	7.74	260	6025	6.88	4.68	8.32	236	7025	8.06	8.19	10.44	240
5050	7.92	1.91	8.15	256	6050	7.00	4.78	8.48	236	7050	8.25	8.47	10.75	239
5075	8.26	2.25	8.56	255	6075	7.06	4.97	8.63	235	7075	8.53	8.74	10.81	237
5100	8.17	2.27	8.48	254	6100	7.20	4.96	8.74	235	7100	8.55	8.13	10.85	235
5125	8.32	2.23	8.62	255	6125	7.42	4.95	8.93	236	7125	8.50	8.20	10.85	235
5150	8.39	1.83	8.58	258	6150	7.48	4.88	8.93	237	7150	8.65	8.25	10.84	235
5175	8.52	1.49	8.65	260	6175	7.87	4.92	9.28	238	7175	8.70	8.29	10.74	234
5200	8.64	1.17	8.72	262	6200	8.39	5.10	9.82	239	7200	8.44	8.27	10.51	233
5225	8.57	0.82	8.61	264	6225	8.53	5.23	10.01	238	7225	8.36	8.26	10.44	233
5250	8.38	0.61	8.40	266	6250	8.54	5.38	10.09	238	7250	8.19	8.22	10.29	233
5275	8.02	0.52	8.03	266	6275	8.46	5.64	10.17	236	7275	7.98	8.15	10.08	232
5300	7.63	0.39	7.64	267	6300	8.42	5.96	10.31	235	7300	8.02	8.11	10.08	232
5325	7.64	0.20	7.64	268	6325	8.38	6.13	10.38	234	7325	8.10	8.09	10.13	233

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-1 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 7975 11/28/64, 1455Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7350	8.13	6.00	10.10	233	8350	9.70	4.69	10.77	244	9350	13.20	2.37	13.38	260
7375	7.76	5.77	9.66	233	8375	10.11	4.48	11.06	246	9375	13.67	2.20	13.85	260
7400	8.16	5.66	9.93	235	8400	10.63	4.09	11.35	249	9400	13.27	2.45	13.49	259
7425	8.63	5.71	10.35	236	8425	10.86	3.58	11.43	252	9425	13.94	2.65	14.19	259
7450	8.20	5.53	9.89	236	8450	11.00	2.97	11.40	255	9450	14.40	2.40	14.60	260
7475	7.98	5.68	9.80	234	8475	10.84	2.51	11.12	257	9475	14.52	2.08	15.06	262
7500	7.91	5.94	9.89	233	8500	10.53	2.14	10.75	258	9500	15.03	1.97	15.16	262
7525	7.92	5.99	9.93	233	8525	10.51	1.94	10.69	259	9525	15.58	2.16	15.73	262
7550	7.71	6.09	9.82	232	8550	10.43	1.76	10.58	260	9550	16.41	2.18	16.56	262
7575	7.59	6.40	9.92	230	8575	10.31	1.37	10.40	262	9575	16.45	2.14	16.59	262
7600	7.55	6.68	10.08	228	8600	10.35	0.84	10.39	265	9600	16.23	2.25	16.39	262
7625	7.35	6.83	10.03	227	8625	10.29	0.50	10.31	267	9625	16.46	2.25	16.61	262
7650	7.15	7.05	10.04	225	8650	9.93	0.73	9.96	266	9650	16.78	2.27	16.93	262
7675	6.81	7.10	9.83	224	8675	10.01	1.22	10.08	263	9675	16.30	2.15	16.44	262
7700	6.46	7.14	9.63	222	8700	10.35	1.82	10.51	260	9700	16.70	2.02	16.82	263
7725	6.23	7.41	9.69	220	8725	10.27	2.42	10.55	257	9725	17.23	1.58	17.34	263
7750	5.78	7.57	9.52	217	8750	10.14	2.81	10.53	254	9750	17.15	1.78	17.24	264
7775	5.59	7.82	9.61	215	8775	10.45	3.23	10.94	253	9775	17.23	1.65	17.31	264
7800	5.63	7.98	9.76	215	8800	10.49	3.42	11.04	252	9800	17.54	1.77	17.63	264
7825	5.43	7.96	9.64	214	8825	10.32	3.60	10.93	251	9825	17.64	1.83	17.74	264
7850	5.42	8.20	9.83	213	8850	10.31	3.68	10.95	250	9850	17.28	1.54	17.34	265
7875	5.05	8.35	9.76	211	8875	10.41	3.67	11.04	250	9875	17.41	1.28	17.46	266
7900	4.71	8.55	9.76	209	8900	10.22	3.79	10.90	249	9900	17.61	1.39	17.96	265
7925	4.59	8.76	9.89	207	8925	10.30	3.96	11.03	249	9925	17.69	1.50	17.95	265
7950	4.52	9.02	10.09	206	8950	10.52	4.17	11.31	248	9950	16.51	1.56	16.98	265
7975	4.31	9.07	10.04	205	8975	10.38	4.28	11.23	247	9975	17.25	1.38	17.30	265
8000	3.95	9.01	9.84	203	9000	10.20	4.12	11.00	248	10000	17.24	1.24	17.28	266
8025	3.66	8.94	9.66	202	9025	10.13	3.78	10.81	249	10025	16.42	1.35	16.47	265
8050	3.36	8.85	9.47	201	9050	9.98	3.42	10.55	251	10050	17.15	1.80	17.25	264
8075	2.93	8.62	9.10	199	9075	10.18	3.22	10.68	252	10075	16.88	2.32	17.04	262
8100	2.59	8.33	8.73	197	9100	10.83	3.18	11.29	253	10100	15.60	2.42	15.79	261
8125	2.78	7.81	8.29	199	9125	10.54	3.04	11.35	254	10125	16.24	2.74	16.47	260
8150	3.43	6.59	7.78	206	9150	10.95	2.85	11.32	256	10150	16.68	2.78	16.91	260
8175	4.15	6.63	7.82	212	9175	10.99	2.59	11.29	257	10175	16.28	2.84	16.52	260
8200	5.08	6.41	8.18	218	9200	11.29	2.37	11.53	258	10200	16.66	3.34	16.99	258
8225	5.94	6.13	8.54	224	9225	11.50	2.45	11.75	258	10225	16.85	3.35	17.18	259
8250	6.50	6.05	8.88	227	9250	11.37	2.45	11.63	258	10250	16.79	3.29	17.11	259
8275	7.31	5.89	9.39	231	9275	11.49	2.31	11.72	258	10275	17.30	3.56	17.67	258
8300	8.31	5.62	10.03	236	9300	11.49	2.18	11.69	259	10300	17.31	3.47	17.66	258
8325	9.12	5.15	10.47	240	9325	12.49	2.14	12.67	260	10325	16.95	3.38	17.28	259

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 7975 11/28/64, 1455Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10350	16.94	3.76	17.35	257	11350	17.38	5.42	18.21	253	12350	21.01	3.39	21.29	261
10375	16.73	4.12	17.23	256	11375	17.67	5.40	18.48	253	12375	22.33	3.50	22.60	261
10400	16.66	4.15	17.17	256	11400	17.27	5.48	18.12	252	12400	22.63	3.62	22.91	261
10425	16.64	4.15	17.15	256	11425	17.38	5.40	18.21	253	12425	22.84	3.59	23.12	261
10450	16.62	4.49	17.21	255	11450	17.72	5.76	18.64	252	12450	23.32	3.55	23.59	261
10475	16.46	4.90	17.17	253	11475	17.40	5.61	18.28	252	12475	23.80	3.72	24.09	261
10500	16.28	4.99	17.02	253	11500	17.08	5.41	17.92	252	12500	24.79	3.51	25.04	262
10525	16.06	5.03	16.83	252	11525	17.24	5.70	18.16	252	12525	25.21	3.17	25.41	263
10550	16.05	5.13	16.85	252	11550	17.46	5.69	18.36	252	12550	25.44	3.15	25.63	263
10575	16.00	5.25	16.84	252	11575	17.14	5.66	18.05	252	12575	27.11	3.13	27.29	263
10600	15.68	5.42	16.59	251	11600	17.45	5.91	18.42	251	12600	27.70	2.87	27.85	264
10625	15.70	5.57	16.66	250	11625	17.81	6.03	18.80	251	12625	26.55	2.71	27.13	264
10650	15.38	5.42	16.30	250	11650	17.68	5.93	18.64	251	12650	27.56	2.40	27.67	265
10675	15.16	5.38	16.08	250	11675	18.04	5.72	18.93	252	12675	28.67	1.82	28.72	266
10700	15.12	5.54	16.10	250	11700	18.17	5.73	19.05	252	12700	29.13	1.49	29.17	267
10725	15.37	5.59	16.35	250	11725	17.92	6.01	18.90	251	12725	29.31	1.35	29.34	267
10750	15.49	5.71	16.51	250	11750	17.93	5.99	18.90	251	12750	29.47	1.12	29.50	268
10775	15.38	5.62	16.38	250	11775	17.60	6.00	18.59	251	12775	29.76	1.17	29.78	268
10800	14.98	5.51	15.96	250	11800	17.59	6.24	18.66	250	12800	30.12	1.17	30.14	268
10825	15.11	5.64	16.13	249	11825	17.78	6.10	18.80	251	12825	30.49	0.78	30.50	268
10850	15.74	5.59	16.70	250	11850	17.28	5.68	18.19	252	12850	30.32	0.57	30.33	269
10875	15.02	5.11	15.87	251	11875	17.33	5.68	18.24	252	12875	30.58	0.49	30.58	269
10900	15.38	5.21	16.24	251	11900	18.00	6.55	19.15	250	12900	30.21	0.03	30.21	270
10925	15.80	5.17	16.69	251	11925	18.08	7.12	19.43	248	12925	29.76	-0.23	29.76	270
10950	15.35	5.06	16.16	252	11950	17.89	6.76	19.12	249	12950	29.91	0.09	29.91	270
10975	15.42	5.07	16.23	252	11975	17.84	6.23	18.90	251	12975	28.58	-0.00	28.58	270
11000	15.42	5.12	16.24	251	12000	17.58	5.94	18.53	252	13000	27.83	-0.39	27.83	271
11025	15.62	5.26	16.48	251	12025	18.35	5.67	19.20	253	13025	29.09	-0.52	29.10	271
11050	16.01	5.37	16.89	251	12050	18.27	5.39	19.05	253	13050	30.53	-0.57	30.54	271
11075	16.10	5.23	16.92	252	12075	18.28	5.01	18.99	254	13075	30.18	-0.58	30.19	271
11100	15.52	5.09	16.33	252	12100	18.46	4.62	19.03	256	13100	30.85	-0.75	30.86	271
11125	16.16	5.42	17.04	251	12125	18.56	4.31	19.05	257	13125	31.53	-1.01	31.54	272
11150	16.60	5.42	17.47	252	12150	18.16	3.81	18.56	258	13150	31.65	-1.04	31.67	272
11175	15.67	4.97	16.44	252	12175	17.80	3.42	18.12	259	13175	30.54	-0.82	30.55	271
11200	16.35	5.31	17.19	252	12200	18.52	3.17	18.79	260	13200	29.64	-0.86	29.65	271
11225	16.34	5.27	17.17	252	12225	19.25	3.12	19.50	261	13225	29.23	-0.84	29.24	271
11250	16.86	5.22	17.65	253	12250	19.49	3.41	19.79	260	13250	28.14	-0.26	28.14	270
11275	17.63	5.44	18.45	253	12275	20.10	3.45	20.40	260	13275	27.23	0.29	27.23	269
11300	17.42	5.27	18.19	253	12300	21.02	3.59	21.32	260	13300	27.53	0.34	27.53	269
11325	17.39	5.48	18.23	252	12325	20.84	3.50	21.13	260	13325	27.26	0.34	27.26	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-1 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 7975 11/28/64, 1455Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13350	27.37	0.22	27.38	269	14350	29.37	2.59	29.52	264	15350	21.64	4.01	22.01	259
13375	27.61	0.01	27.61	270	14375	29.54	2.37	29.64	265	15375	21.56	2.97	21.76	262
13400	26.86	-0.22	26.86	270	14400	30.16	2.87	30.29	264	15400	20.99	3.04	21.21	262
13425	26.17	0.06	26.17	270	14425	29.65	3.05	29.81	264	15425	20.78	3.17	21.02	261
13450	25.67	0.69	25.68	268	14450	29.14	2.71	29.26	265	15450	20.57	2.58	21.18	262
13475	24.44	1.24	24.47	267	14475	28.47	2.11	28.55	266	15475	20.87	2.10	21.10	261
13500	24.16	1.65	24.22	266	14500	28.26	1.91	28.33	266	15500	20.29	2.17	20.47	262
13525	23.99	2.21	24.09	265	14525	27.69	1.37	27.72	267	15525	20.55	2.59	20.71	263
13550	23.44	2.57	23.58	264	14550	27.81	0.81	27.82	268	15550	20.93	2.49	21.08	263
13575	23.45	2.56	23.58	264	14575	28.54	0.35	28.54	269	15575	19.66	1.78	19.74	265
13600	24.37	3.15	24.57	262	14600	28.50	0.08	28.50	270	15600	19.44	1.39	19.49	266
13625	24.32	3.83	24.62	261	14625	27.09	0.26	27.10	269	15625	19.32	1.89	19.40	265
13650	24.07	4.08	24.42	260	14650	27.31	0.82	27.32	268	15650	19.16	1.70	19.23	265
13675	23.96	4.36	24.36	259	14675	27.51	1.29	27.54	267	15675	19.26	2.26	19.39	263
13700	23.73	4.62	24.18	259	14700	26.22	1.71	26.28	266	15700	18.46	2.89	18.69	261
13725	24.10	4.92	24.59	258	14725	26.11	2.00	26.19	265	15725	18.01	3.48	18.34	259
13750	23.78	5.43	24.39	257	14750	25.37	2.32	25.48	265	15750	17.85	3.58	18.21	258
13775	23.97	5.74	24.65	256	14775	24.71	2.27	24.82	265	15775	17.94	3.87	18.35	258
13800	24.54	6.57	25.41	255	14800	24.75	2.46	24.87	264	15800	17.46	4.81	18.11	254
13825	24.38	7.01	25.37	254	14825	23.83	2.45	23.95	264	15825	17.15	5.11	17.89	253
13850	25.64	7.69	26.77	253	14850	24.21	2.57	24.35	264	15850	17.04	5.45	17.89	252
13875	26.75	8.32	28.01	253	14875	24.88	3.27	25.09	262	15875	16.17	6.19	17.32	249
13900	26.26	8.36	27.56	252	14900	24.00	3.40	24.24	262	15900	15.10	6.55	16.46	246
13925	26.98	8.66	28.34	252	14925	23.80	3.51	24.06	261	15925	15.06	7.57	16.86	243
13950	28.27	8.85	29.62	252	14950	23.67	3.44	23.92	262	15950	16.27	7.71	18.00	244
13975	28.38	8.96	29.76	252	14975	23.59	2.96	23.78	263	15975	16.78	7.16	18.25	247
14000	28.32	8.79	29.65	253	15000	23.24	2.95	23.43	263	16000	17.08	6.76	18.37	248
14025	28.77	8.24	29.92	254	15025	23.05	3.19	23.27	262	16025	16.01	6.42	19.12	250
14050	28.35	7.73	29.38	255	15050	22.76	3.48	23.02	261	16050	18.78	5.95	19.70	252
14075	28.54	7.29	29.46	255	15075	22.64	3.66	22.93	261	16075	19.61	5.50	20.37	254
14100	28.94	7.06	29.79	256	15100	22.45	3.42	22.71	261	16100	20.26	5.53	21.00	255
14125	29.16	7.09	30.01	256	15125	22.04	3.62	22.34	261	16125	20.68	4.78	21.23	257
14150	29.48	6.74	30.24	257	15150	21.30	4.19	21.71	259	16150	20.79	4.15	21.20	259
14175	28.36	6.10	29.01	258	15175	20.54	4.54	21.04	257	16175	20.80	4.13	21.20	259
14200	28.19	6.02	28.82	258	15200	19.84	5.06	20.47	256	16200	21.83	3.20	22.07	261
14225	29.16	5.72	29.71	259	15225	19.12	5.18	19.80	255	16225	22.04	2.89	22.22	262
14250	29.30	5.25	29.77	260	15250	20.06	4.65	20.60	257	16250	22.73	2.35	22.85	264
14275	29.04	4.73	29.42	261	15275	20.56	4.47	21.04	258	16275	23.12	1.46	23.17	266
14300	28.83	4.44	29.17	261	15300	19.96	3.54	20.34	259	16300	23.77	0.28	23.77	269
14325	29.19	4.11	29.48	262	15325	20.91	3.88	21.27	259	16325	23.63	-0.68	23.65	272

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 7975 11/28/64, 1455Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16350	22.84	-1.31	22.87	273	17350	11.65	-1.85	11.79	279	18350	6.30	-2.62	6.82	292
16375	21.35	-1.58	21.41	274	17375	11.40	-1.30	11.47	276	18375	3.59	-1.06	4.13	285
16400	21.05	-2.08	21.15	275	17400	11.23	-0.75	11.26	274	18400	3.61	-0.95	3.73	285
16425	20.79	-2.74	20.97	277	17425	11.26	-1.90	11.33	276	18425	3.63	-1.01	3.77	285
16450	20.06	-3.26	20.33	279	17450	11.25	-1.73	11.38	279	18450	3.54	-0.76	4.01	281
16475	19.84	-4.09	20.25	281	17475	10.71	-1.23	10.78	276	18475	5.02	-1.68	5.29	288
16500	19.30	-4.30	19.77	282	17500	10.26	-1.35	10.35	277	18500	5.73	-1.59	6.06	289
16525	17.74	-4.37	18.27	284	17525	9.80	-1.37	9.89	278	18525	6.51	-1.90	7.17	285
16550	16.84	-4.27	17.37	284	17550	9.30	-0.68	9.33	274	18550	7.51	-2.16	7.82	286
16575	16.02	-4.22	16.56	285	17575	9.06	-0.62	9.08	274	18575	7.69	-2.21	8.19	285
16600	15.40	-4.17	15.95	285	17600	9.25	-0.98	9.30	276	18600	8.58	-1.98	8.79	283
16625	14.16	-3.65	14.62	284	17625	9.34	-1.68	9.49	280	18625	9.50	-2.41	10.19	283
16650	13.52	-3.60	13.99	285	17650	8.83	-1.66	8.98	280	18650	9.49	-2.20	9.75	283
16675	13.05	-2.82	13.36	282	17675	9.21	-1.95	9.41	282	18675	8.26	-2.13	8.53	284
16700	13.14	-1.84	13.27	278	17700	9.69	-2.20	9.93	283					
16725	13.49	-1.67	13.59	277	17725	9.63	-2.19	9.88	283					
16750	13.82	-0.89	13.85	274	17750	9.77	-2.20	10.02	283					
16775	14.00	-0.62	14.01	272	17775	10.36	-2.35	10.62	283					
16800	13.73	-0.07	13.73	270	17800	11.27	-3.04	11.67	285					
16825	13.28	0.38	13.28	268	17825	11.19	-3.24	11.65	286					
16850	13.26	0.79	13.28	266	17850	12.67	-2.66	12.95	282					
16875	12.71	1.24	12.77	264	17875	13.34	-2.66	13.60	281					
16900	12.58	1.72	12.69	262	17900	13.38	-2.56	13.62	281					
16925	12.59	2.04	12.75	261	17925	13.93	-2.11	14.09	278					
16950	13.17	1.83	13.29	262	17950	14.15	-1.80	14.26	277					
16975	14.06	1.11	14.11	265	17975	14.75	-1.84	14.86	277					
17000	14.67	0.45	14.67	268	18000	15.04	-2.57	15.26	280					
17025	15.32	-0.20	15.32	271	18025	15.37	-2.95	15.65	281					
17050	15.50	-1.11	15.54	274	18050	15.99	-2.76	16.22	280					
17075	15.37	-1.22	15.42	274	18075	15.45	-3.23	15.78	282					
17100	15.02	-1.52	15.10	276	18100	14.67	-3.68	15.12	284					
17125	15.01	-2.68	15.25	280	18125	14.10	-3.86	14.62	285					
17150	15.01	-3.25	15.36	282	18150	13.62	-4.41	14.31	288					
17175	13.99	-3.18	14.35	283	18175	13.43	-4.58	14.19	289					
17200	12.97	-2.67	13.24	281	18200	12.90	-4.52	13.66	289					
17225	12.77	-2.11	12.94	279	18225	12.02	-4.69	12.90	291					
17250	12.57	-1.48	12.66	277	18250	11.32	-4.53	12.20	292					
17275	11.92	-1.17	11.98	275	18275	9.48	-4.03	10.31	293					
17300	11.05	-1.42	11.15	277	18300	8.51	-3.81	9.33	294					
17325	11.17	-1.64	11.29	278	18325	7.08	-3.23	7.78	294					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-2

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8920 12/23/64, 1400Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	0.88	9.48	9.52	185	1200	5.68	-2.25	6.11	291	2200	6.06	-10.07	11.75	329
225	1.31	10.61	10.69	187	1225	6.08	-2.58	6.60	293	2225	6.32	-10.18	11.98	328
250	1.40	11.13	11.22	187	1250	6.40	-2.90	7.03	294	2250	6.42	-10.21	12.06	328
275	1.42	9.88	9.98	188	1275	6.59	-3.05	7.26	295	2275	6.23	-10.51	12.22	329
300	1.39	9.18	9.28	188	1300	6.55	-3.00	7.21	294	2300	5.79	-10.53	12.02	331
325	1.43	9.05	9.16	189	1325	6.58	-2.97	7.22	294	2325	5.68	-10.57	12.00	332
350	1.69	8.20	8.38	191	1350	6.61	-3.04	7.27	295	2350	5.77	-9.67	11.27	329
375	2.22	7.45	7.77	196	1375	6.37	-2.94	7.01	295	2375	5.80	-7.52	9.50	322
400	2.61	6.56	7.06	202	1400	6.74	-3.09	7.41	294	2400	6.07	-4.67	7.66	307
425	3.00	5.82	6.54	207	1425	6.72	-3.45	7.55	297	2425	6.27	-3.22	7.05	297
450	3.36	5.43	6.39	212	1450	6.55	-3.86	7.60	300	2450	6.32	-2.90	6.95	295
475	3.79	4.83	6.14	218	1475	6.95	-4.43	8.24	302	2475	6.33	-2.98	6.99	295
500	4.08	4.24	5.88	224	1500	6.69	-4.61	8.13	304	2500	6.28	-3.21	7.05	297
525	4.26	3.65	5.61	229	1525	6.60	-4.92	8.23	306	2525	6.20	-3.57	7.15	300
550	4.45	3.18	5.47	234	1550	6.53	-5.28	8.40	309	2550	5.64	-3.72	6.76	303
575	4.12	2.75	4.95	236	1575	6.42	-5.59	8.51	311	2575	5.07	-3.83	6.35	307
600	3.73	2.33	4.40	238	1600	6.45	-5.75	8.64	312	2600	5.26	-4.10	6.67	308
625	3.64	2.25	4.27	238	1625	6.37	-5.96	8.72	313	2625	5.40	-4.19	6.83	308
650	3.63	2.10	4.19	240	1650	6.32	-6.43	9.02	315	2650	5.12	-4.12	6.57	309
675	3.60	1.71	3.99	244	1675	5.85	-6.50	8.74	318	2675	5.28	-4.50	6.94	310
700	3.96	1.74	4.33	246	1700	5.79	-6.94	9.04	320	2700	5.45	-4.71	7.20	311
725	4.24	1.40	4.46	251	1725	5.87	-7.22	9.30	321	2725	5.47	-4.86	7.31	311
750	4.19	0.88	4.28	258	1750	5.80	-6.95	9.05	320	2750	5.24	-5.34	7.49	315
775	4.62	0.78	4.69	260	1775	6.13	-7.32	9.55	320	2775	5.05	-5.76	7.66	319
800	4.78	0.69	4.83	262	1800	6.10	-7.61	9.75	321	2800	5.10	-6.03	7.90	320
825	4.63	0.63	4.68	262	1825	6.02	-7.84	9.89	322	2825	5.41	-6.44	8.41	320
850	4.60	0.58	4.63	263	1850	6.02	-8.08	10.07	323	2850	5.75	-6.52	8.69	318
875	4.67	0.13	4.67	268	1875	5.95	-8.16	10.10	324	2875	5.98	-6.17	8.59	316
900	4.68	-0.32	4.69	274	1900	5.72	-8.15	9.95	325	2900	6.45	-5.80	8.68	312
925	4.54	-0.42	4.56	275	1925	5.88	-8.34	10.20	325	2925	7.13	-5.73	9.15	309
950	4.72	-0.45	4.74	275	1950	6.08	-8.50	10.45	324	2950	7.84	-5.77	9.74	306
975	4.71	-0.34	4.72	274	1975	5.89	-8.29	10.17	324	2975	8.49	-5.54	10.14	303
1000	4.67	-0.34	4.69	274	2000	6.46	-8.96	11.05	324	3000	8.87	-5.40	10.38	301
1025	5.15	-0.56	5.18	276	2025	6.57	-9.26	11.35	324	3025	9.13	-5.31	10.57	300
1050	5.56	-0.79	5.61	278	2050	6.65	-9.75	11.81	326	3050	9.52	-5.18	10.84	298
1075	5.31	-1.06	5.42	281	2075	6.70	-10.12	12.13	326	3075	10.02	-5.09	11.24	297
1100	5.29	-1.39	5.47	285	2100	6.23	-9.68	11.51	327	3100	11.01	-4.56	11.92	292
1125	5.39	-1.80	5.68	288	2125	6.22	-10.12	11.87	328	3125	11.36	-3.40	11.86	286
1150	5.53	-2.17	5.94	291	2150	6.23	-10.41	12.13	329	3150	10.96	-2.53	11.25	283
1175	5.73	-2.25	6.16	291	2175	5.91	-9.87	11.50	329	3175	11.05	-2.06	11.24	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8920 12/23/64, 1400Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	12.01	-1.55	12.11	277	4200	12.05	-1.67	12.16	278	5200	9.16	-6.21	11.06	304
3225	12.44	-1.38	12.51	276	4225	11.82	-1.65	11.94	278	5225	9.50	-6.53	11.53	304
3250	12.37	-1.13	12.43	275	4250	11.54	-1.75	11.67	278	5250	9.33	-6.50	11.38	305
3275	12.44	-0.92	12.48	274	4275	11.29	-1.81	11.44	279	5275	9.23	-6.64	11.37	306
3300	11.90	-0.96	11.94	274	4300	11.36	-1.77	11.49	279	5300	9.07	-6.72	11.29	306
3325	11.57	-0.99	11.62	275	4325	11.27	-1.83	11.42	279	5325	9.31	-6.93	11.60	306
3350	12.06	-0.78	12.08	274	4350	11.13	-2.05	11.31	280	5350	9.24	-7.03	11.61	307
3375	11.99	-0.69	12.01	273	4375	11.28	-2.38	11.53	282	5375	8.92	-6.82	11.23	307
3400	11.66	-0.76	11.68	274	4400	11.30	-2.64	11.60	283	5400	8.83	-6.64	11.05	307
3425	11.24	-0.62	11.26	273	4425	11.29	-2.87	11.65	284	5425	8.85	-6.46	10.96	306
3450	11.07	-0.16	11.07	271	4450	11.52	-2.96	11.90	284	5450	9.07	-6.42	11.11	305
3475	11.01	0.11	11.01	269	4475	11.56	-2.84	11.90	284	5475	9.28	-6.36	11.25	304
3500	10.47	0.31	10.48	268	4500	11.20	-2.49	11.47	282	5500	9.91	-6.49	11.85	303
3525	10.28	0.42	10.29	267	4525	10.82	-2.27	11.05	282	5525	10.16	-6.39	12.01	302
3550	10.98	0.15	10.99	269	4550	10.62	-2.42	10.89	283	5550	9.69	-6.04	11.42	302
3575	11.45	-0.07	11.45	270	4575	10.59	-2.89	10.98	285	5575	10.01	-6.25	11.80	302
3600	10.90	-0.20	10.90	271	4600	11.15	-3.53	11.70	287	5600	10.64	-6.52	12.48	301
3625	10.61	-0.38	10.62	272	4625	11.26	-3.81	11.88	288	5625	11.04	-6.64	12.89	301
3650	10.53	-0.65	10.55	273	4650	10.84	-3.95	11.53	290	5650	11.20	-6.73	13.07	301
3675	10.94	-0.97	10.99	275	4675	10.81	-4.19	11.59	291	5675	11.36	-6.83	13.25	301
3700	11.16	-1.14	11.22	276	4700	10.73	-4.21	11.53	291	5700	11.58	-7.02	13.54	301
3725	11.86	-1.43	11.95	277	4725	10.83	-4.23	11.63	291	5725	12.22	-7.37	14.27	301
3750	13.14	-1.94	13.28	278	4750	10.83	-4.25	11.64	291	5750	12.43	-7.45	14.49	301
3775	10.40	-0.90	10.44	275	4775	10.44	-4.21	11.26	292	5775	12.23	-7.42	14.30	301
3800	9.88	-0.66	9.90	274	4800	10.49	-4.55	11.43	293	5800	12.18	-7.39	14.24	301
3825	11.46	-1.34	11.53	276	4825	10.50	-4.90	11.59	295	5825	12.10	-7.43	14.20	301
3850	11.72	-1.57	11.82	277	4850	10.16	-5.00	11.32	296	5850	12.37	-7.60	14.52	301
3875	11.93	-1.65	12.04	278	4875	10.07	-5.24	11.35	297	5875	12.15	-7.49	14.27	301
3900	11.80	-1.51	11.90	277	4900	9.91	-5.48	11.33	299	5900	11.82	-7.45	13.97	302
3925	12.16	-1.48	12.25	277	4925	9.82	-5.40	11.20	299	5925	11.81	-7.54	14.01	302
3950	12.19	-1.58	12.29	277	4950	9.80	-5.36	11.17	298	5950	11.65	-7.44	13.82	302
3975	12.00	-1.71	12.12	278	4975	9.83	-5.58	11.30	299	5975	12.07	-7.72	14.33	302
4000	12.35	-2.11	12.53	280	5000	10.40	-5.92	11.97	299	6000	12.05	-7.97	14.45	303
4025	12.37	-2.47	12.62	281	5025	10.14	-5.81	11.68	300	6025	11.49	-8.02	14.01	305
4050	12.38	-2.47	12.62	281	5050	9.98	-5.79	11.54	300	6050	11.39	-8.24	14.06	306
4075	12.31	-2.18	12.50	280	5075	10.09	-5.94	11.71	300	6075	11.31	-8.33	14.05	306
4100	12.81	-1.88	12.94	278	5100	9.53	-5.98	11.25	302	6100	11.33	-8.43	14.13	306
4125	13.07	-1.67	13.18	277	5125	9.43	-6.17	11.27	303	6125	11.25	-8.40	14.04	307
4150	12.58	-1.58	12.68	277	5150	9.63	-6.38	11.55	303	6150	11.42	-8.70	14.35	307
4175	12.27	-1.63	12.38	277	5175	9.21	-6.21	11.11	304	6175	11.57	-9.15	14.75	308

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-2 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 8920 12/23/64, 1400Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	11.28	-9.05	14.46	309	7200	12.46	-9.45	15.64	307	8200	9.41	-13.18	16.19	324
6225	11.27	-9.01	14.42	308	7225	12.39	-9.28	15.48	307	8225	9.25	-12.79	15.78	324
6250	11.43	-9.48	14.85	310	7250	12.33	-8.95	15.24	306	8250	9.21	-12.59	15.60	324
6275	11.48	-9.93	15.18	311	7275	12.39	-8.47	15.01	304	8275	9.36	-12.34	15.49	323
6300	11.49	-10.26	15.41	312	7300	12.26	-7.90	14.59	303	8300	9.39	-12.10	15.31	322
6325	11.37	-10.26	15.32	312	7325	11.70	-7.54	13.91	303	8325	9.34	-12.11	15.29	322
6350	12.37	-10.72	16.37	311	7350	11.33	-7.84	13.77	304	8350	9.54	-12.17	15.46	322
6375	12.62	-10.90	16.68	311	7375	11.31	-8.40	14.08	306	8375	9.42	-12.08	15.32	322
6400	12.15	-10.56	16.09	311	7400	11.00	-8.72	14.04	308	8400	9.04	-11.95	14.98	323
6425	12.47	-10.59	16.36	310	7425	10.92	-9.06	14.19	309	8425	8.69	-11.55	14.45	323
6450	12.79	-10.55	16.58	309	7450	10.51	-9.24	14.00	311	8450	8.97	-11.92	14.92	323
6475	12.86	-10.41	16.55	309	7475	10.37	-9.71	14.20	313	8475	9.04	-12.17	15.16	323
6500	12.92	-10.51	16.65	309	7500	10.94	-10.19	14.95	313	8500	8.56	-11.69	14.49	324
6525	12.56	-10.21	16.19	309	7525	10.98	-10.38	15.10	313	8525	8.64	-11.71	14.56	323
6550	12.44	-9.82	15.85	308	7550	10.58	-10.63	15.00	315	8550	8.63	-11.65	14.50	323
6575	12.68	-9.86	16.07	308	7575	10.26	-10.88	14.95	317	8575	8.66	-11.43	14.34	323
6600	12.59	-9.81	15.96	308	7600	9.56	-10.71	14.36	318	8600	8.81	-11.40	14.41	322
6625	12.69	-9.82	16.05	308	7625	9.01	-10.70	13.99	320	8625	8.98	-11.41	14.52	322
6650	12.58	-9.74	15.91	308	7650	8.77	-10.97	14.04	321	8650	8.71	-11.00	14.04	321
6675	12.43	-9.90	15.90	308	7675	8.31	-10.82	13.64	322	8675	8.63	-11.16	14.10	322
6700	12.37	-9.97	15.88	309	7700	7.99	-10.55	13.23	323	8700	8.82	-11.51	14.50	322
6725	12.24	-9.81	15.68	309	7725	7.83	-10.59	13.17	323	8725	8.77	-11.52	14.48	323
6750	12.01	-9.59	15.37	308	7750	7.67	-10.72	13.18	324	8750	8.90	-11.45	14.51	322
6775	11.79	-9.48	15.13	309	7775	7.42	-11.08	13.33	326	8775	8.93	-11.46	14.53	322
6800	11.72	-9.48	15.07	309	7800	7.44	-11.60	13.78	327	8800	8.96	-11.51	14.59	322
6825	11.62	-9.51	15.01	309	7825	7.68	-12.16	14.39	328	8825	8.85	-11.31	14.36	322
6850	11.69	-9.62	15.14	309	7850	7.77	-12.81	14.98	329	8850	8.68	-11.09	14.09	322
6875	11.78	-9.70	15.26	309	7875	7.73	-13.17	15.27	329	8875	8.60	-10.85	13.84	321
6900	11.96	-9.81	15.47	309	7900	7.92	-13.50	15.65	329	8900	8.51	-11.22	14.09	323
6925	12.10	-9.87	15.61	309	7925	8.10	-13.93	16.11	330	8925	8.47	-11.61	14.38	324
6950	12.12	-9.85	15.62	309	7950	7.72	-13.62	15.65	330	8950	8.58	-11.54	14.38	323
6975	12.07	-9.72	15.49	309	7975	8.11	-13.94	16.13	330	8975	8.31	-11.52	14.20	324
7000	12.17	-9.65	15.53	308	8000	8.39	-14.21	16.50	329	9000	7.96	-11.74	14.18	326
7025	12.41	-9.73	15.77	308	8025	8.22	-13.74	16.01	329	9025	7.71	-11.56	13.90	326
7050	12.27	-9.58	15.57	308	8050	8.55	-13.99	16.39	328	9050	7.79	-11.56	13.94	326
7075	12.19	-9.43	15.37	308	8075	8.56	-13.97	16.39	328	9075	7.97	-12.20	14.57	327
7100	11.94	-9.26	15.11	308	8100	8.69	-13.90	16.40	328	9100	8.01	-12.77	15.07	328
7125	12.20	-9.30	15.34	307	8125	8.67	-13.63	16.16	327	9125	8.30	-13.11	15.52	327
7150	12.54	-9.49	15.72	307	8150	8.88	-13.47	16.13	326	9150	8.30	-13.39	15.75	328
7175	12.39	-9.44	15.58	307	8175	9.33	-13.56	16.46	325	9175	8.25	-13.47	15.80	328

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 8920 12/23/64, 1400Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	8.07	-13.57	15.78	329	10200	5.34	-19.66	20.38	345	11200	17.78	-14.62	23.02	309
9225	8.09	-13.93	16.11	330	10225	5.65	-19.91	20.70	344	11225	17.99	-14.77	23.28	309
9250	7.95	-13.65	15.80	330	10250	5.76	-19.83	20.65	344	11250	17.89	-14.79	23.22	309
9275	8.33	-13.82	16.14	329	10275	5.70	-20.01	20.80	344	11275	18.18	-14.90	23.51	309
9300	8.61	-14.15	16.57	329	10300	5.91	-20.25	21.10	344	11300	18.67	-15.23	24.09	309
9325	8.18	-14.19	16.38	330	10325	6.06	-20.20	21.09	343	11325	18.89	-15.33	24.33	309
9350	8.06	-14.39	16.49	331	10350	6.09	-20.01	20.92	343	11350	18.97	-15.40	24.43	309
9375	8.04	-14.77	16.82	331	10375	6.26	-20.16	21.11	343	11375	19.07	-15.73	24.72	309
9400	8.21	-15.38	17.43	332	10400	6.49	-20.04	21.06	342	11400	19.16	-15.84	24.86	309
9425	8.19	-15.42	17.46	332	10425	6.64	-19.83	20.91	341	11425	19.09	-16.11	24.98	310
9450	8.03	-15.21	17.20	332	10450	6.94	-19.83	21.01	341	11450	19.25	-16.32	25.24	310
9475	7.85	-15.30	17.20	333	10475	7.34	-19.48	20.82	339	11475	18.99	-16.01	24.84	310
9500	7.38	-15.11	16.82	334	10500	7.73	-18.72	20.25	337	11500	19.07	-16.19	25.02	310
9525	6.88	-14.86	16.37	335	10525	8.10	-17.90	19.64	335	11525	19.41	-16.67	25.59	310
9550	6.55	-15.21	16.56	337	10550	8.57	-17.51	19.50	334	11550	19.06	-16.35	25.11	310
9575	6.20	-15.33	16.53	338	10575	9.29	-16.65	19.06	331	11575	19.51	-16.34	25.45	310
9600	5.89	-15.33	16.42	339	10600	9.96	-15.54	18.46	327	11600	20.01	-16.05	25.65	309
9625	5.49	-15.34	16.29	340	10625	10.78	-15.59	18.95	325	11625	20.08	-15.77	25.53	308
9650	5.11	-15.08	15.92	341	10650	11.13	-15.69	19.24	324	11650	20.52	-15.63	25.79	307
9675	4.81	-15.26	16.00	342	10675	11.27	-14.82	18.61	323	11675	20.73	-14.78	25.46	305
9700	4.70	-15.46	16.16	343	10700	12.03	-14.06	18.50	319	11700	20.69	-14.46	25.25	305
9725	4.65	-15.16	15.86	343	10725	12.56	-13.67	18.56	317	11725	20.58	-14.33	25.07	305
9750	5.13	-15.83	16.64	342	10750	12.56	-12.99	18.07	316	11750	20.66	-14.21	25.07	304
9775	5.08	-16.00	16.78	342	10775	12.84	-12.71	18.07	315	11775	20.31	-13.88	24.60	304
9800	5.12	-16.73	17.50	343	10800	13.38	-13.15	18.76	314	11800	19.89	-13.61	24.10	304
9825	5.41	-17.75	18.56	343	10825	13.82	-13.26	19.15	314	11825	19.95	-13.90	24.31	305
9850	5.34	-17.56	18.35	343	10850	13.72	-13.09	18.96	313	11850	19.69	-13.95	24.13	305
9875	5.38	-17.66	18.46	343	10875	13.82	-13.01	18.98	313	11875	19.64	-13.91	24.06	305
9900	5.38	-17.33	18.14	343	10900	14.61	-13.27	19.74	312	11900	20.05	-14.49	24.74	306
9925	5.59	-17.12	18.01	342	10925	14.50	-12.83	19.36	311	11925	19.80	-14.57	24.58	306
9950	5.71	-17.50	18.40	342	10950	15.53	-13.47	20.56	311	11950	19.79	-14.83	24.73	307
9975	5.66	-17.76	18.64	342	10975	16.13	-14.00	21.36	311	11975	19.66	-14.92	24.68	307
10000	5.55	-18.03	18.86	343	11000	15.88	-13.71	20.97	311	12000	19.31	-14.95	24.42	308
10025	5.71	-18.63	19.48	343	11025	16.26	-13.82	21.34	310	12025	19.26	-15.67	24.83	309
10050	5.56	-19.17	19.96	344	11050	16.52	-13.51	21.35	309	12050	18.99	-16.31	25.03	310
10075	5.46	-19.06	19.82	344	11075	16.83	-13.59	21.63	309	12075	18.63	-16.54	24.91	311
10100	5.48	-18.95	19.73	344	11100	16.91	-13.96	21.93	309	12100	18.30	-16.51	24.65	312
10125	5.27	-19.22	19.93	344	11125	16.49	-13.75	21.47	310	12125	18.16	-16.12	24.28	311
10150	5.51	-19.17	19.95	344	11150	17.08	-14.61	22.48	310	12150	17.48	-15.00	23.03	310
10175	5.50	-19.14	19.91	344	11175	17.91	-15.01	23.37	310	12175	17.53	-14.09	22.49	309

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-2 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 8920 12/23/64, 1400Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	17.47	-13.89	22.32	308	13200	29.01	-7.86	30.05	285	14200	22.48	-7.27	23.63	288
12225	17.78	-13.58	22.37	307	13225	29.02	-7.89	30.07	285	14225	22.85	-7.17	23.95	287
12250	18.24	-13.52	22.70	306	13250	28.97	-8.23	30.12	286	14250	22.73	-6.93	23.76	287
12275	17.82	-13.12	22.13	306	13275	29.63	-8.09	30.72	285	14275	21.98	-6.85	23.03	287
12300	17.34	-12.56	21.41	306	13300	29.53	-8.03	30.60	285	14300	21.67	-6.57	22.64	287
12325	17.32	-12.03	21.09	305	13325	29.40	-8.31	30.55	286	14325	21.29	-6.83	22.36	288
12350	18.28	-12.05	21.89	303	13350	29.51	-8.89	30.82	287	14350	19.94	-7.06	21.15	289
12375	18.46	-11.90	21.96	303	13375	28.78	-9.14	30.20	287	14375	20.27	-7.14	21.49	289
12400	18.36	-11.28	21.54	301	13400	28.41	-9.72	30.02	289	14400	20.36	-7.06	21.55	289
12425	18.00	-10.64	20.91	300	13425	27.93	-9.83	29.61	289	14425	19.17	-6.56	20.26	289
12450	18.55	-10.89	21.51	300	13450	28.33	-10.45	30.20	290	14450	19.36	-7.34	20.70	291
12475	19.11	-11.29	22.20	300	13475	28.60	-11.26	30.74	291	14475	20.03	-7.62	21.43	291
12500	18.55	-10.97	21.55	300	13500	27.65	-11.39	29.91	292	14500	19.76	-7.41	21.10	290
12525	18.31	-10.82	21.26	300	13525	27.62	-11.69	29.99	293	14525	19.61	-7.44	20.97	291
12550	18.24	-10.49	21.04	300	13550	26.89	-11.82	29.38	294	14550	19.99	-7.57	21.38	291
12575	18.38	-10.15	20.99	299	13575	27.02	-11.57	29.39	293	14575	19.43	-8.00	21.01	292
12600	18.24	-9.86	20.73	298	13600	26.66	-11.46	29.02	293	14600	19.56	-8.19	21.20	293
12625	17.96	-9.55	20.35	298	13625	25.19	-11.44	27.66	294	14625	19.93	-8.00	21.48	292
12650	17.31	-9.63	19.81	299	13650	24.81	-11.72	27.44	295	14650	19.94	-7.89	21.45	291
12675	17.21	-9.96	19.89	300	13675	24.42	-12.14	27.27	296	14675	21.11	-7.84	22.52	290
12700	17.72	-10.10	20.40	300	13700	23.28	-12.77	26.55	299	14700	20.55	-7.28	21.80	289
12725	18.46	-10.49	21.23	299	13725	22.22	-12.94	25.72	300	14725	20.05	-7.14	21.28	289
12750	19.26	-10.82	22.09	299	13750	23.35	-13.10	26.78	299	14750	20.71	-7.44	22.00	290
12775	19.76	-11.02	22.62	299	13775	24.16	-13.04	27.45	298	14775	20.49	-8.20	22.07	292
12800	19.99	-11.12	22.87	299	13800	22.92	-12.54	26.12	299	14800	20.27	-8.17	21.86	292
12825	20.36	-11.40	23.34	299	13825	22.01	-12.76	25.45	300	14825	21.40	-8.08	22.87	291
12850	21.13	-11.20	23.92	298	13850	22.28	-13.33	25.96	301	14850	21.71	-8.77	23.41	292
12875	22.37	-10.79	24.84	296	13875	21.79	-13.16	25.46	301	14875	21.62	-9.51	23.62	294
12900	22.84	-10.89	25.30	295	13900	20.93	-12.45	24.35	301	14900	22.60	-10.43	24.89	295
12925	23.19	-10.75	25.56	295	13925	20.61	-11.86	23.77	300	14925	22.26	-10.02	24.41	294
12950	24.39	-10.36	26.50	293	13950	19.61	-11.40	22.68	300	14950	21.69	-7.96	23.10	290
12975	25.80	-9.84	27.61	291	13975	19.50	-11.44	22.60	300	14975	21.40	-6.65	22.41	287
13000	26.44	-9.65	28.15	290	14000	20.07	-11.29	23.03	299	15000	20.96	-6.01	21.80	286
13025	26.84	-9.24	28.39	289	14025	19.88	-10.76	22.60	298	15025	20.42	-5.60	21.18	285
13050	27.67	-8.97	29.09	288	14050	20.19	-10.02	22.54	296	15050	19.69	-5.48	20.44	285
13075	27.92	-8.97	29.33	288	14075	20.47	-9.30	22.49	294	15075	19.58	-5.85	20.43	286
13100	27.84	-8.49	29.11	287	14100	20.54	-8.33	22.16	292	15100	19.61	-6.57	20.68	288
13125	26.99	-7.98	28.14	286	14125	20.05	-7.42	21.38	290	15125	19.74	-6.77	20.87	289
13150	28.27	-8.44	29.51	286	14150	20.83	-7.10	22.01	289	15150	18.57	-6.32	19.62	289
13175	29.21	-8.55	30.44	286	14175	22.26	-7.18	23.39	288	15175	18.64	-6.10	19.61	288

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 8920 12/23/64, 1400Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	20.37	-6.10	21.26	286	16200	16.93	-12.59	21.10	306	17200	15.83	-6.33	17.05	292
15225	20.31	-5.88	21.15	286	16225	16.66	-13.01	21.14	308	17225	14.58	-5.88	15.72	292
15250	19.08	-5.45	19.85	286	16250	16.90	-13.83	21.84	309	17250	13.73	-6.19	15.06	294
15275	20.58	-5.64	21.34	285	16275	16.50	-13.70	21.44	310					
15300	21.81	-5.94	22.61	285	16300	16.83	-14.01	21.90	310					
15325	20.75	-5.04	21.35	283	16325	17.16	-14.31	22.34	310					
15350	21.03	-5.00	21.62	283	16350	15.84	-13.50	20.81	310					
15375	21.15	-5.10	21.75	283	16375	15.11	-13.15	20.04	311					
15400	20.58	-4.83	21.14	283	16400	14.66	-12.64	19.35	311					
15425	20.82	-4.43	21.29	282	16425	14.20	-12.20	18.72	310					
15450	21.53	-4.36	21.97	281	16450	13.59	-12.00	18.12	311					
15475	21.26	-5.01	21.84	283	16475	13.26	-11.62	17.63	311					
15500	21.36	-5.05	21.95	283	16500	13.05	-11.78	17.58	312					
15525	22.20	-4.76	22.70	282	16525	12.96	-11.77	17.50	312					
15550	21.66	-4.56	22.13	282	16550	12.20	-10.24	15.92	310					
15575	21.71	-4.74	22.22	282	16575	12.11	-9.73	15.54	309					
15600	23.21	-4.73	23.69	281	16600	12.22	-8.58	14.93	305					
15625	22.95	-4.96	23.48	282	16625	12.65	-7.98	14.95	302					
15650	22.33	-5.67	23.04	284	16650	12.58	-6.77	14.28	298					
15675	22.19	-6.33	23.08	286	16675	12.11	-6.22	13.62	297					
15700	21.96	-6.56	22.92	286	16700	12.25	-5.78	13.54	295					
15725	21.38	-7.22	22.56	288	16725	12.11	-5.42	13.27	294					
15750	21.57	-7.59	22.87	289	16750	11.69	-4.77	12.62	292					
15775	21.38	-8.31	22.93	291	16775	12.38	-4.63	13.22	290					
15800	21.25	-9.26	23.18	293	16800	12.66	-4.45	13.42	289					
15825	20.68	-9.34	22.69	294	16825	12.67	-3.73	13.21	286					
15850	20.23	-9.65	22.41	295	16850	12.92	-3.23	13.32	284					
15875	19.96	-9.66	22.17	296	16875	13.84	-2.98	14.16	282					
15900	19.98	-9.57	22.15	295	16900	14.11	-2.91	14.41	281					
15925	19.96	-9.58	22.14	295	16925	13.56	-2.76	13.84	281					
15950	19.19	-10.09	21.68	298	16950	13.71	-3.60	14.17	285					
15975	19.64	-10.75	22.39	299	16975	14.36	-3.90	14.88	285					
16000	18.99	-10.25	21.58	298	17000	13.81	-3.80	14.32	285					
16025	17.68	-9.83	20.22	299	17025	13.13	-3.99	13.73	287					
16050	18.38	-10.29	21.06	299	17050	12.91	-4.14	13.56	288					
16075	18.13	-10.34	20.87	300	17075	13.93	-4.72	14.71	289					
16100	17.75	-10.60	20.68	301	17100	14.68	-5.00	15.51	289					
16125	17.83	-11.18	21.05	302	17125	14.93	-4.89	15.72	288					
16150	17.46	-11.21	20.75	303	17150	14.54	-4.74	15.29	288					
16175	17.00	-11.85	20.72	305	17175	15.92	-5.85	16.96	290					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-3

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 8940 12/23/64, 1600Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	3.40	0.11	3.41	268	1225	6.65	1.76	6.88	255	2225	5.81	-5.85	8.25	315
250	4.16	0.93	4.26	257	1250	6.47	1.94	6.75	253	2250	5.89	-6.09	8.47	316
275	4.68	2.12	5.14	245	1275	6.54	2.38	6.96	250	2275	5.72	-6.23	8.46	317
300	4.94	2.89	5.72	239	1300	6.18	2.43	6.64	248	2300	5.73	-6.47	8.65	318
325	4.74	2.85	5.53	239	1325	5.97	2.29	6.39	249	2325	5.85	-6.94	9.08	320
350	4.58	2.56	5.24	241	1350	6.37	2.42	6.82	249	2350	5.72	-7.58	9.49	323
375	4.43	2.46	5.07	241	1375	6.15	2.23	6.54	250	2375	5.70	-7.92	9.76	324
400	4.36	2.36	4.96	241	1400	5.79	1.88	6.09	252	2400	5.61	-6.86	8.86	321
425	4.51	2.18	5.01	244	1425	5.95	1.63	6.17	254	2425	5.80	-5.33	7.88	312
450	4.67	1.90	5.04	248	1450	6.12	1.51	6.30	256	2450	5.89	-4.13	7.19	305
475	5.33	1.70	5.59	252	1475	6.05	1.43	6.21	257	2475	5.66	-2.30	6.11	292
500	5.78	1.52	5.97	255	1500	6.03	1.15	6.14	259	2500	5.38	-1.11	5.49	281
525	6.31	1.26	6.44	259	1525	6.15	0.79	6.20	263	2525	5.08	-1.18	5.22	283
550	6.68	0.89	6.74	262	1550	6.06	0.46	6.08	265	2550	4.72	-1.44	4.93	287
575	6.83	0.52	6.85	265	1575	6.10	0.25	6.10	267	2575	4.54	-1.69	4.84	290
600	6.83	0.39	6.84	267	1600	6.12	-0.05	6.12	270	2600	4.43	-2.12	4.91	295
625	6.61	0.55	6.63	265	1625	5.95	-0.39	5.97	274	2625	4.37	-2.42	5.00	299
650	6.41	0.67	6.44	264	1650	5.97	-0.68	6.01	276	2650	4.59	-2.52	5.24	299
675	5.97	0.58	6.00	264	1675	5.93	-0.97	6.01	279	2675	4.72	-2.72	5.44	300
700	6.50	0.69	6.54	264	1700	5.78	-1.42	5.95	284	2700	4.73	-2.91	5.55	301
725	6.86	0.84	6.91	263	1725	5.63	-1.92	5.95	289	2725	4.80	-3.12	5.72	303
750	6.87	1.02	6.94	261	1750	5.46	-2.27	5.91	292	2750	4.81	-3.45	5.92	305
775	6.67	1.09	6.76	261	1775	5.43	-2.63	6.03	296	2775	4.80	-3.57	5.98	306
800	6.52	1.09	6.61	260	1800	5.45	-2.93	6.19	298	2800	4.99	-3.78	6.26	307
825	6.46	1.12	6.55	260	1825	5.59	-3.31	6.50	300	2825	4.90	-4.10	6.39	310
850	6.13	1.08	6.23	260	1850	5.76	-3.86	6.94	304	2850	4.55	-4.29	6.25	313
875	6.12	1.12	6.22	259	1875	6.04	-4.58	7.58	307	2875	4.64	-4.46	6.44	314
900	6.35	1.10	6.44	260	1900	6.15	-4.98	7.91	309	2900	4.78	-4.66	6.68	314
925	6.54	0.91	6.60	262	1925	5.88	-5.05	7.75	310	2925	4.73	-4.85	6.78	316
950	6.64	0.74	6.68	263	1950	5.72	-5.27	7.77	312	2950	4.83	-4.71	6.75	314
975	7.21	1.08	7.29	261	1975	5.48	-5.38	7.68	314	2975	5.44	-4.40	7.00	309
1000	7.39	1.39	7.52	259	2000	5.35	-5.66	7.79	316	3000	6.40	-4.09	7.60	302
1025	7.05	1.63	7.24	257	2025	5.15	-5.97	7.88	319	3025	7.43	-3.66	8.29	296
1050	6.93	1.79	7.16	255	2050	4.99	-5.98	7.78	320	3050	8.28	-3.42	8.96	292
1075	6.83	1.78	7.06	255	2075	5.26	-6.02	8.00	319	3075	9.39	-3.34	9.96	289
....					2100	5.40	-6.13	8.17	318	3100	9.97	-3.11	10.44	287
1125	6.89	2.11	7.21	253	2125	5.30	-6.02	8.02	318	3125	9.90	-2.69	10.26	285
1150	7.21	2.20	7.53	253	2150	5.51	-6.14	8.25	318	3150	10.11	-2.31	10.37	283
1175	7.27	2.07	7.56	254	2175	5.77	-6.22	8.48	317	3175	10.38	-2.22	10.61	282
1200	6.94	1.78	7.17	255	2200	5.85	-6.00	8.38	316	3200	10.77	-2.24	11.00	282

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 8940 12/23/64, 1600Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	11.07	-1.97	11.25	280	4225	13.24	-1.12	13.29	275	5225	10.81	-4.48	11.70	292
3250	11.28	-1.61	11.39	278	4250	13.24	-1.26	13.30	275	5250	10.92	-4.54	11.83	292
3275	11.22	-1.27	11.29	276	4275	13.18	-1.41	13.25	276	5275	11.18	-4.66	12.11	292
3300	11.24	-0.84	11.27	274	4300	13.25	-1.68	13.36	277	5300	11.30	-4.76	12.26	293
3325	11.88	-0.51	11.89	272	4325	12.80	-1.96	12.95	279	5325	11.02	-4.70	11.98	293
3350	11.84	-0.28	11.84	271	4350	13.04	-2.26	13.24	280	5350	10.98	-4.78	11.98	293
3375	11.83	0.11	11.83	269	4375	13.25	-2.38	13.46	280	5375	11.00	-4.86	12.03	294
3400	12.21	0.65	12.23	267	4400	12.76	-2.44	12.99	281	5400	11.55	-4.97	12.58	293
3425	11.89	1.01	11.94	265	4425	12.66	-2.66	12.94	282	5425	11.87	-4.99	12.88	293
3450	11.43	1.04	11.47	265	4450	12.29	-2.93	12.63	283	5450	11.27	-4.80	12.25	293
3475	11.35	0.68	11.37	266	4475	11.96	-3.00	12.33	284	5475	11.07	-4.67	12.02	293
3500	11.47	0.24	11.48	269	4500	11.72	-2.93	12.08	284	5500	11.38	-4.68	12.30	292
3525	11.50	0.14	11.50	269	4525	11.56	-2.89	11.92	284	5525	12.07	-4.85	13.01	292
3550	11.32	0.15	11.32	269	4550	11.88	-2.91	12.23	284	5550	12.36	-4.87	13.29	291
3575	11.36	0.03	11.36	270	4575	11.58	-2.73	11.90	283	5575	12.06	-4.76	12.96	291
3600	11.65	-0.07	11.65	270	4600	11.40	-2.63	11.70	283	5600	12.12	-4.71	13.00	291
3625	11.75	-0.32	11.75	271	4625	11.34	-2.61	11.64	283	5625	12.38	-4.72	13.25	291
3650	12.04	-0.68	12.06	273	4650	10.87	-2.45	11.15	282	5650	13.20	-5.13	14.16	291
3675	12.63	-0.99	12.67	274	4675	10.80	-2.42	11.07	282	5675	13.39	-5.17	14.36	291
3700	13.28	-1.37	13.35	276	4700	10.78	-2.33	11.03	282	5700	13.07	-4.84	13.94	290
3725	13.50	-1.54	13.58	276	4725	10.88	-2.40	11.14	282	5725	13.28	-4.82	14.13	290
3750	13.43	-1.63	13.53	277	4750	10.83	-2.47	11.11	283	5750	13.64	-4.93	14.50	290
3775	13.52	-1.79	13.64	277	4775	10.67	-2.59	10.98	283	5775	13.75	-5.01	14.64	290
3800	13.68	-1.96	13.82	278	4800	10.44	-2.81	10.81	285	5800	14.17	-5.12	15.07	290
3825	13.91	-2.04	14.06	278	4825	10.44	-2.85	10.82	285	5825	14.27	-5.16	15.17	290
3850	14.16	-2.04	14.30	278	4850	10.57	-2.87	10.95	285	5850	13.92	-5.18	14.85	290
3875	13.87	-1.81	13.99	277	4875	10.54	-3.01	10.96	286	5875	13.86	-5.40	14.87	291
3900	13.56	-1.50	13.64	276	4900	10.58	-3.16	11.04	286	5900	13.69	-5.57	14.78	292
3925	14.02	-1.34	14.09	275	4925	10.74	-3.21	11.21	286	5925	13.65	-5.64	14.77	292
3950	13.73	-1.10	13.78	274	4950	10.93	-3.26	11.40	286	5950	13.68	-5.79	14.86	293
3975	13.45	-0.97	13.48	274	4975	11.28	-3.45	11.80	287	5975	13.67	-6.02	14.93	294
4000	13.75	-1.01	13.78	274	5000	11.12	-3.71	11.72	288	6000	13.61	-6.21	14.96	294
4025	13.68	-1.11	13.72	274	5025	10.89	-3.96	11.59	290	6025	13.94	-6.55	15.40	295
4050	13.63	-1.37	13.70	276	5050	11.03	-4.15	11.79	290	6050	13.84	-6.65	15.35	296
4075	13.19	-1.42	13.27	276	5075	10.93	-4.28	11.74	291	6075	13.40	-6.56	14.92	296
4100	13.66	-1.30	13.72	275	5100	10.82	-4.42	11.69	292	6100	13.26	-6.64	14.83	296
4125	14.00	-1.06	14.04	274	5125	10.77	-4.42	11.64	292	6125	13.14	-6.64	14.73	297
4150	13.41	-0.89	13.44	274	5150	10.79	-4.32	11.62	292	6150	13.01	-6.67	14.62	297
4175	13.27	-0.95	13.30	274	5175	10.85	-4.31	11.67	291	6175	12.81	-6.60	14.41	297
4200	13.18	-1.02	13.22	274	5200	10.72	-4.32	11.55	292	6200	12.77	-6.53	14.34	297

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-3 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8940 12/23/64, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	13.10	-6.79	14.76	297	7225	9.95	-7.76	12.61	308	8225	10.26	-12.15	15.90	320
6250	12.77	-6.66	14.40	297	7250	10.10	-7.92	12.84	308	8250	10.47	-12.27	16.13	319
6275	12.79	-6.83	14.50	298	7275	9.90	-7.87	12.65	308	8275	10.60	-12.31	16.25	319
6300	13.07	-7.06	14.86	298	7300	9.80	-7.59	12.39	308	8300	10.61	-12.46	16.36	319
6325	12.65	-6.96	14.44	299	7325	9.71	-7.28	12.14	307	8325	10.31	-12.35	16.09	320
6350	12.73	-7.14	14.60	299	7350	9.55	-6.77	11.71	305	8350	10.11	-12.27	15.90	320
6375	12.72	-7.24	14.64	299	7375	9.39	-6.48	11.40	304	8375	9.87	-11.92	15.48	320
6400	12.54	-7.30	14.51	300	7400	9.27	-6.35	11.24	304	8400	10.30	-12.01	15.82	319
6425	12.39	-7.44	14.45	301	7425	9.10	-6.03	10.91	303	8425	10.44	-12.02	15.92	319
6450	12.33	-7.63	14.50	302	7450	8.86	-5.76	10.57	303	8450	10.09	-11.58	15.36	319
6475	12.15	-7.58	14.32	302	7475	8.66	-5.78	10.41	304	8475	10.52	-11.97	15.94	319
6500	12.53	-7.97	14.85	302	7500	8.32	-6.20	10.38	307	8500	10.58	-11.86	15.90	318
6525	12.61	-8.21	15.05	303	7525	7.94	-6.68	10.37	310	8525	10.11	-10.81	14.80	317
6550	12.28	-8.14	14.73	303	7550	7.90	-7.12	10.63	312	8550	10.25	-10.51	14.68	316
6575	12.10	-8.28	14.67	304	7575	8.44	-8.18	11.75	314	8575	10.60	-10.58	14.98	315
6600	11.92	-8.39	14.58	305	7600	8.62	-8.97	12.44	316	8600	10.48	-10.29	14.69	314
6625	12.02	-8.59	14.77	305	7625	8.22	-9.13	12.28	318	8625	10.08	-10.02	14.21	315
6650	12.12	-8.63	14.88	305	7650	8.07	-9.46	12.44	319	8650	10.31	-10.14	14.46	314
6675	12.19	-8.43	14.82	304	7675	8.23	-9.98	12.94	320	8675	10.71	-10.25	14.83	314
6700	12.51	-8.46	15.10	304	7700	8.30	-10.65	13.50	322	8700	10.48	-9.87	14.40	313
6725	12.09	-8.27	14.65	304	7725	8.48	-11.09	13.96	322	8725	10.61	-9.81	14.45	313
6750	12.33	-8.52	14.99	304	7750	8.82	-11.29	14.32	322	8750	10.70	-9.72	14.46	312
6775	12.78	-8.84	15.54	304	7775	9.23	-11.84	15.01	322	8775	10.77	-9.61	14.44	312
6800	12.24	-8.58	14.95	305	7800	9.44	-11.97	15.24	322	8800	10.78	-9.55	14.40	311
6825	12.20	-8.69	14.98	305	7825	9.29	-11.63	14.88	321	8825	10.78	-9.69	14.49	312
6850	11.93	-9.00	14.95	307	7850	9.39	-11.60	14.92	321	8850	10.75	-9.79	14.54	312
6875	11.32	-9.41	14.72	310	7875	9.58	-11.68	15.11	320	8875	10.68	-9.83	14.51	312
6900	10.87	-9.51	14.44	311	7900	9.31	-11.65	14.91	321	8900	10.65	-9.85	14.51	313
6925	11.03	-9.57	14.60	311	7925	9.67	-12.07	15.46	321	8925	10.43	-9.95	14.42	313
6950	10.92	-9.47	14.46	311	7950	10.05	-12.26	15.86	320	8950	10.14	-10.21	14.39	315
6975	10.64	-9.19	14.06	311	7975	9.65	-11.84	15.28	321	8975	9.93	-10.33	14.33	316
7000	10.64	-8.97	13.92	310	8000	9.76	-12.02	15.48	321	9000	9.93	-10.66	14.57	317
7025	11.12	-9.15	14.41	309	8025	9.88	-12.15	15.66	321	9025	9.80	-10.73	14.54	317
7050	11.19	-8.90	14.30	308	8050	9.91	-12.20	15.71	321	9050	9.82	-10.71	14.53	317
7075	10.71	-8.44	13.63	308	8075	9.92	-12.30	15.80	321	9075	10.01	-10.79	14.72	317
7100	10.70	-8.71	13.80	309	8100	9.92	-12.27	15.78	321	9100	9.93	-10.75	14.63	317
7125	11.17	-9.04	14.37	309	8125	9.95	-12.20	15.74	321	9125	10.11	-10.88	14.85	317
7150	11.18	-8.90	14.29	308	8150	10.08	-12.26	15.87	320	9150	10.04	-10.94	14.85	317
7175	10.28	-8.26	13.19	309	8175	10.23	-12.33	16.02	320	9175	9.47	-10.70	14.29	318
7200	9.74	-7.81	12.49	309	8200	10.19	-12.14	15.85	320	9200	9.24	-10.73	14.16	319

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8940 12/23/64, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	9.15	-10.82	14.17	320	10225	7.48	-17.35	18.89	336	11225	7.64	-18.32	19.85	337
9250	9.06	-10.56	13.91	319	10250	7.55	-18.09	19.60	337	11250	7.79	-18.32	19.91	337
9275	9.21	-10.40	13.89	318	10275	7.34	-18.39	19.80	338	11275	7.84	-18.21	19.82	337
9300	9.27	-10.53	14.03	318	10300	7.13	-18.40	19.73	339	11300	7.89	-18.32	19.95	337
9325	9.19	-10.74	14.14	319	10325	6.96	-18.91	20.15	340	11325	8.26	-18.30	20.08	336
9350	9.18	-10.42	13.89	318	10350	6.80	-19.74	20.88	341	11350	8.64	-17.86	19.84	334
9375	8.96	-9.72	13.22	317	10375	6.59	-20.09	21.14	342	11375	8.80	-17.35	19.46	333
9400	8.77	-9.39	12.85	317	10400	6.32	-20.29	21.25	343	11400	8.91	-17.53	19.67	333
9425	8.97	-9.33	12.94	316	10425	6.34	-20.39	21.35	343	11425	9.33	-17.74	20.05	332
9450	9.09	-9.41	13.09	316	10450	6.43	-20.51	21.50	342	11450	9.71	-17.33	19.87	331
9475	8.88	-9.51	13.01	317	10475	6.02	-20.74	21.60	344	11475	10.03	-17.13	19.85	329
9500	9.00	-9.89	13.37	318	10500	5.60	-21.21	21.94	345	11500	10.27	-17.11	19.95	329
9525	9.36	-10.42	14.00	318	10525	5.36	-21.49	22.15	346	11525	10.55	-16.92	19.94	328
9550	8.95	-10.44	13.75	319	10550	5.38	-21.50	22.16	346	11550	10.61	-16.86	19.92	328
9575	8.56	-10.45	13.51	321	10575	5.40	-21.79	22.45	346	11575	10.80	-16.85	20.02	327
9600	8.84	-11.02	14.13	321	10600	5.19	-21.82	22.43	346	11600	11.16	-16.35	19.79	325
9625	8.73	-11.35	14.32	322	10625	4.80	-20.89	21.43	347	11625	11.60	-16.15	19.89	324
9650	8.46	-11.43	14.22	323	10650	4.93	-21.52	22.08	347	11650	12.30	-15.97	20.16	322
9675	8.75	-12.07	14.91	324	10675	4.83	-22.27	22.78	348	11675	12.89	-15.82	20.41	321
9700	8.79	-12.68	15.43	325	10700	4.50	-22.05	22.50	348	11700	13.03	-15.99	20.62	321
9725	8.46	-12.55	15.13	326	10725	4.62	-22.78	23.25	348	11725	13.62	-15.78	20.85	319
9750	8.36	-12.72	15.22	327	10750	4.27	-23.21	23.60	349	11750	14.43	-15.78	21.38	317
9775	8.52	-13.28	15.78	327	10775	4.08	-23.46	23.81	350	11775	15.03	-15.98	21.94	317
9800	8.29	-13.24	15.62	328	10800	4.16	-24.01	24.37	350	11800	15.18	-15.87	21.96	316
9825	7.99	-13.14	15.38	329	10825	4.14	-24.19	24.54	350	11825	15.61	-15.99	22.35	316
9850	7.69	-13.11	15.20	329	10850	4.01	-23.73	24.07	350	11850	16.18	-16.22	22.91	315
9875	7.55	-13.02	15.05	330	10875	4.07	-22.74	23.10	350	11875	16.32	-16.09	22.92	314
9900	7.36	-12.73	14.71	330	10900	4.68	-22.63	23.11	348	11900	16.79	-16.15	23.30	314
9925	7.18	-13.13	14.96	331	10925	4.98	-22.58	23.12	347	11925	17.47	-16.06	23.73	312
9950	7.27	-14.08	15.85	333	10950	5.13	-22.04	22.63	347	11950	18.35	-15.84	24.25	311
9975	7.10	-14.08	15.77	333	10975	5.29	-21.69	22.33	346	11975	19.32	-15.46	24.74	308
10000	6.91	-14.08	15.68	334	11000	5.42	-21.13	21.81	345	12000	19.34	-15.08	24.53	308
10025	7.17	-14.13	15.84	333	11025	5.28	-20.73	21.40	346	12025	19.34	-14.88	24.40	307
10050	7.21	-14.25	15.97	333	11050	5.29	-20.77	21.43	346	12050	19.20	-14.74	24.20	307
10075	7.01	-14.70	16.29	334	11075	5.65	-20.63	21.39	345	12075	18.39	-14.06	23.15	307
10100	6.97	-14.86	16.41	335	11100	5.94	-20.04	20.90	343	12100	17.75	-13.93	22.57	308
10125	7.10	-15.35	16.91	335	11125	6.44	-19.35	20.40	341	12125	16.83	-14.39	22.14	310
10150	7.14	-16.10	17.61	336	11150	6.88	-19.17	20.36	340	12150	15.86	-14.48	21.48	312
10175	7.12	-16.54	18.01	337	11175	6.88	-18.96	20.17	340	12175	15.54	-14.47	21.23	313
10200	7.19	-16.68	18.17	337	11200	7.18	-18.31	19.67	338	12200	15.51	-14.31	21.10	313

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-3 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8940 12/23/64, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	15.40	-14.17	20.92	312	13225	19.22	-7.27	20.55	291	14225	17.71	-5.73	18.62	288
12250	15.25	-14.02	20.72	312	13250	18.90	-7.33	20.27	291	14250	18.86	-5.26	19.58	285
12275	15.00	-13.89	20.45	313	13275	18.68	-7.37	20.08	291	14275	19.57	-4.88	20.17	284
12300	14.85	-13.60	20.14	312	13300	19.24	-7.82	20.77	292	14300	19.94	-4.99	20.56	284
12325	14.42	-13.05	19.45	312	13325	19.25	-8.30	20.96	293	14325	20.25	-4.35	20.71	282
12350	14.29	-12.49	18.98	311	13350	18.87	-8.63	20.75	294	14350	20.25	-3.75	20.59	280
12375	14.71	-12.10	19.05	309	13375	18.26	-8.95	20.34	296	14375	20.16	-3.75	20.51	280
12400	14.51	-11.38	18.44	308	13400	18.25	-10.05	20.84	299	14400	19.82	-3.84	20.19	281
12425	14.62	-10.92	18.25	307	13425	17.82	-11.01	20.95	302	14425	19.71	-4.29	20.17	282
12450	14.59	-10.39	17.91	305	13450	17.38	-10.97	20.55	302	14450	19.06	-4.44	19.57	283
12475	15.17	-10.35	18.37	304	13475	18.83	-11.52	22.07	301	14475	18.05	-4.57	18.62	284
12500	16.24	-10.62	19.40	303	13500	19.27	-11.56	22.48	301	14500	18.26	-4.61	18.84	284
12525	15.78	-9.68	18.51	301	13525	18.55	-10.86	21.49	300	14525	17.72	-4.31	18.23	283
12550	16.31	-9.52	18.89	300	13550	18.79	-11.38	21.97	301	14550	17.51	-4.09	17.98	283
12575	16.79	-9.12	19.11	298	13575	19.12	-11.69	22.41	301	14575	17.41	-4.41	17.96	284
12600	17.09	-8.54	19.10	296	13600	18.73	-11.77	22.12	302	14600	16.80	-4.83	17.49	286
12625	17.47	-8.51	19.44	296	13625	19.17	-12.50	22.88	303	14625	16.09	-4.77	16.78	286
12650	17.36	-8.24	19.22	295	13650	19.42	-13.49	23.65	305	14650	16.26	-4.71	16.93	286
12675	17.53	-8.60	19.53	296	13675	18.94	-13.81	23.44	306	14675	16.90	-4.73	17.55	285
12700	17.87	-9.25	20.12	297	13700	18.42	-12.89	22.48	305	14700	17.52	-4.56	18.10	284
12725	18.19	-9.42	20.49	297	13725	17.62	-12.40	21.55	305	14725	17.83	-4.41	18.37	284
12750	18.45	-9.05	20.54	296	13750	17.87	-12.69	21.92	305	14750	18.07	-4.06	18.52	282
12775	19.12	-8.91	21.09	295	13775	17.99	-12.29	21.79	304	14775	19.58	-4.08	20.00	282
12800	19.67	-8.76	21.53	294	13800	18.61	-12.11	22.21	303	14800	19.88	-4.36	20.35	282
12825	19.94	-8.76	21.78	294	13825	19.41	-11.90	22.77	301	14825	19.63	-4.61	20.16	283
12850	20.16	-9.12	22.13	294	13850	18.66	-10.77	21.55	300	14850	19.82	-5.05	20.45	284
12875	20.07	-9.48	22.20	295	13875	19.01	-10.57	21.75	299	14875	21.02	-5.77	21.79	285
12900	19.79	-9.68	22.03	296	13900	19.48	-10.46	22.11	298	14900	21.57	-6.20	22.44	286
12925	19.65	-9.60	21.86	296	13925	19.22	-9.93	21.63	297	14925	21.05	-6.30	21.97	286
12950	19.26	-9.46	21.46	296	13950	18.95	-9.65	21.26	297	14950	21.48	-6.93	22.57	288
12975	19.06	-9.31	21.22	296	13975	19.07	-9.74	21.41	297	14975	21.77	-6.71	22.78	287
13000	18.82	-9.09	20.90	296	14000	19.08	-9.64	21.37	297	15000	21.35	-5.36	22.02	284
13025	18.46	-8.84	20.47	295	14025	18.29	-9.49	20.60	297	15025	20.92	-4.21	21.34	281
13050	18.40	-8.48	20.26	295	14050	17.92	-9.49	20.28	298	15050	20.92	-3.47	21.21	279
13075	18.35	-8.47	20.21	295	14075	17.45	-9.80	20.01	299	15075	21.24	-3.74	21.57	280
13100	18.55	-8.37	20.35	294	14100	16.96	-9.94	19.65	300	15100	20.97	-4.13	21.38	281
13125	18.87	-7.89	20.45	293	14125	16.59	-9.20	18.97	299	15125	20.50	-4.57	21.00	282
13150	19.04	-7.53	20.47	291	14150	16.46	-7.90	18.26	295	15150	20.65	-5.07	21.26	284
13175	19.34	-7.30	20.67	290	14175	16.42	-7.01	17.85	293	15175	21.14	-4.81	21.68	283
13200	19.30	-7.15	20.59	290	14200	16.36	-6.06	17.44	290	15200	21.11	-4.52	21.59	282

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8940 12/23/64, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	20.99	-4.42	21.45	282	16225	20.90	-9.35	22.90	294	17225	10.45	-6.33	12.22	301
15250	20.95	-4.66	21.47	282	16250	20.71	-10.01	23.00	296	17250	10.23	-6.95	12.37	304
15275	21.22	-4.80	21.76	283	16275	21.49	-10.02	23.71	295					
15300	21.34	-4.60	21.83	282	16300	21.57	-10.49	23.98	296					
15325	20.97	-4.24	21.39	281	16325	20.89	-10.87	23.55	297					
15350	21.04	-4.27	21.47	281	16350	20.44	-10.96	23.19	298					
15375	20.69	-4.70	21.22	283	16375	19.95	-10.98	22.77	299					
15400	20.52	-4.69	21.05	283	16400	19.37	-10.75	22.15	299					
15425	21.15	-4.71	21.67	282	16425	19.01	-10.58	21.76	299					
15450	21.07	-4.59	21.57	282	16450	18.35	-10.61	21.19	300					
15475	20.99	-4.26	21.42	281	16475	17.65	-10.49	20.53	301					
15500	21.28	-4.14	21.68	281	16500	17.08	-10.26	19.92	301					
15525	21.55	-4.21	21.96	281	16525	16.92	-10.48	19.90	302					
15550	21.90	-4.00	22.27	280	16550	17.22	-10.58	20.21	301					
15575	21.83	-3.95	22.18	280	16575	16.94	-10.24	19.80	301					
15600	20.49	-3.93	20.86	281	16600	16.57	-10.71	19.73	303					
15625	21.16	-4.13	21.56	281	16625	16.57	-11.07	19.93	304					
15650	22.70	-4.74	23.19	282	16650	16.04	-11.05	19.48	304					
15675	22.86	-5.25	23.46	283	16675	15.75	-11.61	19.57	306					
15700	22.50	-5.67	23.20	284	16700	15.50	-11.77	19.47	307					
15725	22.30	-6.30	23.17	286	16725	14.52	-11.74	18.68	309					
15750	22.67	-7.05	23.74	287	16750	13.69	-11.67	17.99	310					
15775	22.13	-7.59	23.39	289	16775	12.85	-11.00	16.92	310					
15800	21.29	-8.27	22.84	291	16800	12.83	-10.48	16.56	309					
15825	20.58	-8.65	22.32	293	16825	12.89	-10.08	16.36	308					
15850	20.02	-8.78	21.87	294	16850	13.19	-9.62	16.32	306					
15875	19.70	-8.76	21.56	294	16875	13.29	-8.49	15.77	302					
15900	18.81	-8.47	20.63	294	16900	12.82	-7.51	14.85	300					
15925	19.51	-8.61	21.32	294	16925	12.31	-6.98	14.16	299					
15950	20.44	-8.40	22.09	292	16950	12.03	-6.25	13.56	297					
15975	20.23	-8.22	21.83	292	16975	11.80	-5.44	13.00	295					
16000	20.25	-8.82	22.08	293	17000	12.39	-5.35	13.49	293					
16025	20.05	-9.44	22.16	295	17025	12.86	-5.02	13.80	291					
16050	20.17	-10.29	22.64	297	17050	13.11	-4.66	13.92	289					
16075	20.26	-11.30	23.20	299	17075	13.16	-5.19	14.15	291					
16100	20.35	-11.82	23.53	300	17100	12.79	-5.21	13.81	292					
16125	20.80	-11.06	23.56	298	17125	12.26	-5.44	13.41	294					
16150	21.07	-10.08	23.35	295	17150	11.77	-5.38	12.95	294					
16175	21.25	-9.73	23.37	294	17175	11.12	-5.22	12.29	295					
16200	21.58	-9.12	23.43	293	17200	10.53	-5.94	12.09	299					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-4

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8959 12/28/64, 1316Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
675	-2.04	-1.83	2.74	48	1675	4.42	-3.80	5.83	310	2675	-0.29	-4.99	5.00	3
700	-2.08	-1.74	2.72	50	1700	4.62	-3.58	5.84	308	2700	-0.38	-4.96	4.97	4
725	-1.98	-1.73	2.63	49	1725	4.43	-3.26	5.50	306	2725	-0.44	-5.09	5.11	5
750	-1.93	-1.73	2.59	48	1750	4.04	-2.97	5.02	306	2750	-0.44	-5.17	5.19	5
775	-1.94	-1.78	2.63	47	1775	4.07	-2.92	5.01	305	2775	-0.42	-5.08	5.10	5
800	-1.97	-2.19	2.94	42	1800	4.07	-2.35	4.70	300	2800	-0.45	-5.45	5.47	4
825	-1.75	-2.81	3.31	32	1825	4.10	-1.62	4.41	291	2825	-0.47	-5.84	5.85	4
850	-1.45	-3.21	3.52	24	1850	4.73	-1.18	4.87	284	2850	-0.27	-5.88	5.89	2
875	-1.48	-3.32	3.64	24	1875	5.14	-0.67	5.18	277	2875	-0.16	-6.01	6.01	1
900	-1.39	-3.59	3.85	21	1900	5.03	-0.28	5.04	273	2900	-0.27	-6.40	6.40	2
925	-1.09	-3.70	3.86	16	1925	5.16	0.03	5.16	269	2925	-0.22	-6.47	6.48	2
950	-0.93	-3.99	4.10	13	1950	5.56	0.34	5.57	266	2950	0.10	-5.87	5.88	359
975	-0.83	-4.46	4.53	10	1975	5.64	0.38	5.65	266	2975	0.30	-5.62	5.63	357
1000	-0.54	-4.75	4.78	6	2000	5.69	0.38	5.71	266	3000	0.50	-5.32	5.35	354
1025	-0.24	-5.27	5.28	2	2025	5.84	0.54	5.86	265	3025	0.68	-4.88	4.93	352
1050	-0.08	-5.71	5.71	1	2050	5.81	0.63	5.84	264	3050	0.96	-4.81	4.90	349
1075	0.04	-6.08	6.08	359	2075	6.12	0.41	6.14	266	3075	1.66	-4.87	5.14	341
1100	0.31	-6.41	6.41	357	2100	6.13	0.46	6.14	266	3100	2.74	-4.94	5.65	331
1125	0.83	-6.99	7.04	353	2125	6.14	0.53	6.16	265	3125	4.02	-5.31	6.66	323
1150	1.25	-7.46	7.57	350	2150	6.07	0.36	6.08	266	3150	5.04	-5.72	7.62	318
1175	1.46	-7.47	7.61	349	2175	5.80	0.33	5.81	267	3175	6.05	-6.27	8.71	316
1200	1.74	-7.71	7.91	347	2200	5.80	0.41	5.82	266	3200	6.68	-6.54	9.35	314
1225	1.83	-7.76	7.97	347	2225	5.67	0.39	5.68	266	3225	7.02	-6.39	9.49	312
1250	1.95	-7.55	7.80	345	2250	5.70	0.33	5.71	267	3250	7.52	-6.26	9.79	310
1275	2.48	-7.78	8.16	342	2275	6.03	0.20	6.03	268	3275	8.03	-6.25	10.18	308
1300	2.81	-7.82	8.32	340	2300	5.95	0.21	5.95	268	3300	9.22	-6.53	11.29	305
1325	2.93	-7.61	8.15	339	2325	5.51	-0.17	5.51	272	3325	9.82	-6.60	11.83	304
1350	3.00	-7.20	7.80	337	2350	4.72	-1.22	4.88	284	3350	9.55	-6.57	11.59	304
1375	3.22	-7.23	7.91	336	2375	3.91	-1.86	4.33	295	3375	9.67	-6.60	11.71	304
1400	3.37	-7.15	7.90	335	2400	3.43	-2.50	4.24	306	3400	9.73	-6.54	11.73	304
1425	3.50	-6.76	7.61	332	2425	2.68	-3.30	4.25	321	3425	9.59	-6.33	11.49	303
1450	3.74	-6.45	7.45	330	2450	1.64	-3.77	4.11	336	3450	9.50	-6.05	11.26	302
1475	3.84	-6.06	7.17	327	2475	0.83	-3.96	4.04	348	3475	9.40	-5.94	11.12	302
1500	4.01	-5.91	7.14	326	2500	0.36	-4.43	4.45	355	3500	9.38	-5.80	11.03	302
1525	4.39	-5.83	7.29	323	2525	0.21	-4.47	4.48	357	3525	9.30	-5.48	10.79	300
1550	4.48	-5.48	7.08	321	2550	0.17	-4.59	4.60	358	3550	9.14	-5.31	10.57	300
1575	4.37	-5.02	6.65	319	2575	0.13	-5.01	5.01	358	3575	9.15	-5.27	10.56	300
1600	4.69	-5.01	6.86	317	2600	0.03	-4.99	4.99	359	3600	9.14	-5.00	10.42	299
1625	4.69	-4.71	6.64	315	2625	-0.14	-4.91	4.91	1	3625	8.99	-4.73	10.16	298
1650	4.39	-4.17	6.06	313	2650	-0.28	-5.00	5.00	3	3650	8.98	-4.65	10.11	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8959 12/28/64, 1316Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3675	9.15	-4.43	10.17	296	4675	9.05	1.42	9.16	261	5675	8.45	-8.86	12.24	316
3700	9.10	-4.18	10.02	294	4700	9.42	1.72	9.57	259	5700	8.39	-8.94	12.26	317
3725	8.97	-3.97	9.81	294	4725	9.43	1.86	9.61	259	5725	8.33	-8.52	11.91	315
3750	8.76	-3.77	9.54	293	4750	9.02	1.98	9.24	257	5750	7.86	-8.43	11.53	317
3775	8.59	-3.76	9.38	293	4775	8.78	2.15	9.04	256	5775	7.66	-9.03	11.84	320
3800	8.30	-3.35	8.95	292	4800	8.83	2.00	9.05	257	5800	8.40	-9.94	13.01	320
3825	8.26	-2.79	8.72	289	4825	8.81	1.78	8.99	258	5825	8.88	-9.75	13.19	317
3850	8.90	-2.99	9.39	288	4850	8.21	1.83	8.42	257	5850	8.90	-9.31	12.88	316
3875	8.99	-2.89	9.44	288	4875	7.92	2.25	8.24	254	5875	8.93	-9.75	13.22	317
3900	8.99	-2.53	9.34	286	4900	7.82	2.73	8.28	251	5900	9.16	-10.14	13.66	318
3925	9.25	-2.34	9.55	284	4925	7.71	3.07	8.29	248	5925	9.24	-10.17	13.74	318
3950	9.46	-2.02	9.67	282	4950	7.48	3.22	8.14	247	5950	9.39	-10.43	14.04	318
3975	9.52	-1.77	9.68	280	4975	6.71	3.42	7.53	243	5975	9.62	-10.79	14.46	318
4000	9.59	-1.49	9.70	279	5000	5.72	3.56	6.74	238	6000	9.58	-10.79	14.43	318
4025	9.80	-1.13	9.86	276	5025	4.80	3.39	5.87	235	6025	9.63	-10.89	14.54	318
4050	9.90	-1.03	9.96	276	5050	4.21	2.84	5.08	236	6050	9.81	-10.97	14.72	318
4075	9.88	-0.96	9.93	275	5075	3.84	2.61	4.64	236	6075	9.91	-11.00	14.81	318
4100	9.68	-0.68	9.70	274	5100	3.40	2.55	4.25	233	6100	9.65	-10.84	14.51	318
4125	9.47	-0.39	9.48	272	5125	3.41	2.21	4.06	237	6125	9.82	-11.18	14.88	319
4150	9.49	-0.12	9.50	271	5150	3.40	1.84	3.86	241	6150	10.00	-11.48	15.22	319
4175	9.51	-0.04	9.51	270	5175	3.21	1.34	3.48	247	6175	9.71	-11.19	14.82	319
4200	9.37	-0.00	9.37	270	5200	3.27	0.88	3.38	255	6200	9.56	-11.07	14.63	319
4225	9.53	0.25	9.53	268	5225	3.28	0.40	3.30	263	6225	9.55	-11.13	14.67	319
4250	9.58	0.40	9.59	267	5250	3.33	-0.03	3.33	270	6250	9.71	-11.31	14.91	319
4275	9.44	0.37	9.44	268	5275	3.25	-0.32	3.27	275	6275	9.62	-11.36	14.88	320
4300	9.47	0.45	9.48	267	5300	3.34	-0.96	3.47	286	6300	9.48	-11.51	14.91	320
4325	9.42	0.43	9.43	267	5325	3.62	-1.64	3.97	294	6325	9.60	-11.85	15.25	321
4350	9.41	0.39	9.42	267	5350	3.71	-2.26	4.35	301	6350	9.60	-11.77	15.19	321
4375	9.36	0.64	9.38	266	5375	4.11	-3.13	5.17	307	6375	9.63	-11.86	15.27	321
4400	9.10	0.84	9.14	265	5400	4.62	-3.93	6.06	310	6400	9.74	-12.40	15.77	322
4425	9.24	0.91	9.28	264	5425	4.92	-4.41	6.61	312	6425	9.78	-12.67	16.01	322
4450	9.25	0.98	9.31	264	5450	5.35	-4.76	7.16	311	6450	9.81	-12.75	16.09	322
4475	9.14	0.96	9.19	264	5475	5.49	-5.02	7.44	312	6475	9.47	-12.46	15.65	323
4500	9.28	0.98	9.33	264	5500	5.79	-5.47	7.97	313	6500	9.60	-12.63	15.86	323
4525	9.50	1.09	9.56	263	5525	6.38	-5.95	8.72	313	6525	10.01	-13.07	16.46	322
4550	9.31	1.24	9.39	262	5550	6.70	-6.21	9.14	313	6550	9.86	-12.92	16.25	322
4575	9.53	1.46	9.64	261	5575	6.65	-6.47	9.28	314	6575	9.66	-12.75	16.00	323
4600	9.66	1.55	9.78	261	5600	6.69	-6.83	9.56	315	6600	9.88	-12.55	15.98	322
4625	9.14	1.55	9.27	260	5625	7.50	-7.71	10.76	316	6625	10.38	-12.52	16.26	320
4650	9.07	1.48	9.19	261	5650	8.27	-8.41	11.80	315	6650	10.48	-12.45	16.27	320

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-4 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8959 12/28/64, 1316Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6675	10.82	-12.60	16.61	319	7675	16.65	-15.67	22.86	313	8675	19.73	-12.44	23.32	302
6700	11.26	-12.95	17.16	319	7700	16.42	-15.44	22.54	313	8700	19.40	-11.85	22.73	301
6725	11.39	-12.76	17.11	318	7725	16.06	-15.42	22.26	314	8725	19.85	-11.64	23.01	300
6750	11.46	-12.52	16.97	317	7750	15.70	-15.48	22.04	314	8750	20.15	-11.63	23.27	300
6775	11.27	-12.57	16.88	318	7775	15.12	-15.28	21.49	315	8775	19.70	-11.45	22.79	300
6800	11.28	-12.77	17.04	318	7800	15.00	-15.43	21.52	316	8800	19.79	-11.55	22.91	300
6825	11.46	-13.16	17.45	319	7825	15.18	-15.52	21.71	315	8825	19.91	-11.57	23.02	300
6850	11.54	-13.53	17.78	319	7850	14.98	-15.38	21.46	316	8850	19.31	-11.32	22.39	300
6875	11.85	-13.91	18.27	319	7875	14.61	-15.14	21.04	316	8875	19.29	-11.49	22.45	301
6900	12.07	-14.17	18.62	319	7900	14.51	-15.08	20.93	316	8900	19.62	-11.30	22.64	300
6925	11.65	-13.84	18.09	320	7925	14.77	-15.39	21.33	316	8925	19.36	-10.39	21.97	298
6950	11.79	-14.01	18.31	320	7950	14.74	-15.37	21.29	316	8950	19.70	-9.77	21.99	296
6975	12.36	-14.62	19.14	320	7975	14.75	-15.32	21.27	316	8975	20.11	-9.35	22.18	295
7000	12.42	-14.94	19.43	320	8000	14.67	-15.45	21.31	316	9000	19.87	-8.90	21.77	294
7025	12.48	-15.30	19.75	321	8025	14.25	-15.35	20.95	317	9025	19.49	-8.56	21.29	294
7050	12.60	-15.50	19.98	321	8050	14.39	-15.31	21.01	317	9050	19.19	-8.34	20.93	293
7075	12.55	-15.43	19.89	321	8075	14.70	-15.82	21.59	317	9075	18.88	-8.14	20.56	293
7100	12.73	-15.63	20.16	321	8100	14.68	-15.86	21.61	317	9100	18.91	-8.09	20.57	293
7125	13.25	-16.04	20.81	320	8125	14.35	-15.39	21.04	317	9125	19.10	-7.99	20.70	293
7150	13.52	-16.07	21.00	320	8150	14.54	-15.44	21.21	317	9150	18.85	-8.10	20.51	293
7175	13.54	-15.78	20.79	319	8175	14.84	-15.44	21.42	316	9175	18.08	-8.01	19.77	294
7200	13.59	-15.44	20.57	318	8200	14.20	-14.63	20.39	316	9200	17.64	-7.69	19.24	293
7225	14.23	-15.57	21.09	317	8225	14.34	-14.52	20.41	315	9225	17.75	-7.95	19.45	294
7250	14.99	-15.73	21.73	316	8250	14.37	-14.09	20.12	314	9250	16.85	-8.30	18.78	296
7275	15.45	-15.58	21.94	315	8275	14.35	-13.37	19.61	313	9275	15.94	-8.23	17.94	297
7300	15.66	-15.37	21.94	314	8300	15.07	-13.22	20.05	311	9300	15.36	-7.97	17.30	297
7325	15.59	-15.03	21.66	314	8325	15.22	-12.73	19.85	310	9325	15.50	-8.10	17.49	297
7350	16.14	-15.50	22.38	314	8350	15.12	-12.57	19.66	310	9350	15.77	-8.05	17.71	297
7375	16.67	-16.04	23.13	314	8375	15.86	-12.80	20.38	309	9375	15.32	-7.93	17.25	297
7400	16.51	-15.90	22.92	314	8400	16.67	-13.14	21.23	308	9400	15.19	-7.96	17.15	297
7425	16.42	-15.71	22.73	314	8425	16.76	-13.12	21.29	308	9425	15.01	-7.77	16.90	297
7450	16.30	-15.54	22.52	313	8450	17.07	-13.27	21.62	308	9450	15.08	-7.84	16.99	297
7475	16.15	-15.34	22.27	313	8475	17.30	-13.40	21.88	308	9475	14.92	-8.22	17.03	299
7500	15.86	-15.04	21.86	313	8500	17.36	-13.40	21.93	307	9500	14.33	-8.31	16.57	300
7525	15.96	-15.22	22.05	313	8525	17.89	-13.76	22.57	307	9525	13.88	-8.50	16.28	301
7550	16.39	-15.53	22.58	313	8550	17.92	-13.57	22.48	307	9550	13.46	-8.74	16.05	303
7575	16.43	-15.50	22.59	313	8575	18.15	-12.99	22.32	305	9575	13.23	-8.65	15.81	303
7600	15.99	-15.19	22.05	313	8600	19.03	-12.88	22.97	304	9600	12.92	-8.71	15.58	304
7625	16.09	-15.36	22.25	313	8625	19.10	-12.67	22.92	303	9625	12.55	-8.64	15.24	304
7650	16.64	-15.85	22.98	313	8650	19.40	-12.58	23.12	303	9650	12.51	-8.42	15.08	304

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8959 12/28/64, 1316Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9675	12.76	-8.70	15.44	304	10675	17.45	-4.96	18.14	286	11675	29.18	-1.36	29.22	272
9700	12.58	-8.99	15.46	305	10700	17.78	-3.96	18.22	282	11700	29.09	-0.45	29.09	271
9725	12.23	-9.12	15.25	307	10725	18.49	-3.75	18.87	281	11725	28.97	0.41	28.98	269
9750	11.84	-9.18	14.98	308	10750	18.77	-3.35	19.07	280	11750	29.16	1.10	29.19	268
9775	12.41	-9.48	15.61	307	10775	19.18	-3.08	19.43	279	11775	28.29	1.16	28.31	267
9800	12.53	-10.09	16.09	309	10800	19.18	-2.68	19.36	278	11800	27.38	1.06	27.40	268
9825	12.08	-11.12	16.42	312	10825	18.89	-2.10	19.00	276	11825	27.17	1.10	27.19	267
9850	12.42	-11.70	17.06	313	10850	19.22	-1.43	19.28	274	11850	26.98	0.82	26.99	268
9875	12.27	-11.99	17.15	314	10875	20.13	-1.27	20.17	273	11875	26.67	0.46	26.68	269
9900	12.23	-12.49	17.48	315	10900	20.16	-1.50	20.22	274	11900	26.12	-0.09	26.12	270
9925	12.42	-12.67	17.74	315	10925	19.95	-1.42	20.00	274	11925	25.89	-0.59	25.89	271
9950	12.44	-12.40	17.56	315	10950	19.71	-1.17	19.74	273	11950	26.05	-0.78	26.06	272
9975	12.70	-11.84	17.36	313	10975	19.02	-0.99	19.05	273	11975	25.92	-1.22	25.95	273
10000	12.97	-11.21	17.14	311	11000	19.65	-0.93	19.67	273	12000	25.76	-1.74	25.82	274
10025	12.79	-10.89	16.80	310	11025	20.22	-1.06	20.25	273	12025	25.14	-2.24	25.24	275
10050	12.73	-11.09	16.88	311	11050	20.00	-0.87	20.02	272	12050	25.64	-2.77	25.79	276
10075	13.30	-10.68	17.05	309	11075	21.01	-1.25	21.05	273	12075	26.26	-3.31	26.46	277
10100	13.62	-9.81	16.78	306	11100	21.22	-1.27	21.26	273	12100	26.05	-3.92	26.34	278
10125	13.97	-9.23	16.75	303	11125	22.12	-0.37	22.12	271	12125	27.75	-4.94	28.18	280
10150	13.92	-8.83	16.48	302	11150	22.16	0.22	22.16	269	12150	28.26	-5.72	28.83	281
10175	14.29	-9.43	17.12	303	11175	22.32	0.37	22.33	269	12175	27.01	-5.90	27.64	282
10200	14.34	-9.64	17.28	304	11200	22.89	0.67	22.90	268	12200	27.89	-6.25	28.58	282
10225	14.36	-9.34	17.13	303	11225	21.82	0.86	21.84	268	12225	28.37	-6.28	29.05	282
10250	14.95	-8.89	17.39	301	11250	21.85	1.05	21.88	267	12250	28.43	-6.79	29.23	283
10275	15.01	-8.45	17.23	299	11275	23.09	0.91	23.11	268	12275	28.76	-7.57	29.74	285
10300	14.60	-8.37	16.83	300	11300	22.69	0.69	22.70	268	12300	28.54	-8.19	29.69	286
10325	14.32	-8.24	16.52	300	11325	22.07	0.49	22.07	269	12325	28.72	-8.91	30.07	287
10350	15.00	-7.78	16.89	297	11350	21.57	-0.01	21.57	270	12350	28.54	-8.99	29.92	287
10375	15.71	-7.02	17.21	294	11375	20.87	-0.12	20.87	270	12375	28.45	-9.40	29.96	288
10400	16.36	-7.05	17.81	293	11400	22.40	-0.30	22.40	271	12400	28.26	-9.54	29.82	288
10425	16.85	-7.38	18.39	293	11425	21.90	-0.52	21.91	271	12425	28.24	-9.68	29.85	289
10450	16.67	-7.09	18.12	293	11450	21.95	-0.72	21.96	272	12450	28.53	-10.20	30.30	289
10475	16.14	-6.64	17.45	292	11475	23.11	-1.09	23.14	273	12475	28.24	-10.31	30.07	290
10500	17.06	-6.61	18.29	291	11500	22.90	-1.45	22.95	273	12500	29.13	-10.92	31.11	290
10525	17.44	-6.44	18.59	290	11525	23.60	-1.72	23.67	274	12525	29.51	-11.66	31.73	291
10550	16.67	-5.93	17.69	289	11550	24.52	-1.75	24.58	274	12550	28.72	-11.70	31.01	292
10575	18.06	-6.03	19.04	288	11575	25.52	-1.65	25.57	274	12575	28.04	-11.93	30.47	293
10600	18.08	-5.82	18.99	288	11600	26.52	-1.83	26.59	274	12600	28.36	-12.09	30.83	293
10625	16.82	-5.27	17.63	287	11625	26.69	-2.13	26.78	274	12625	28.76	-12.14	31.22	293
10650	17.78	-5.75	18.68	288	11650	28.09	-1.79	28.15	273	12650	27.95	-12.24	30.52	293

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-4 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8959 12/28/64, 1316Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12675	27.73	-12.35	30.35	294	13675	22.82	1.12	22.85	267	14675	22.36	-2.14	22.46	275
12700	28.03	-12.51	30.69	294	13700	23.91	1.07	23.93	267	14700	22.20	-1.44	22.25	274
12725	27.56	-12.43	30.23	294	13725	23.34	1.21	23.37	267	14725	22.41	-0.90	22.43	272
12750	27.54	-12.96	30.43	295	13750	23.18	1.90	23.25	265	14750	21.48	-0.59	21.48	271
12775	28.22	-13.81	31.42	296	13775	23.91	2.19	24.01	265	14775	21.90	0.51	21.91	268
12800	28.00	-13.69	31.16	296	13800	24.04	2.43	24.16	264	14800	22.52	0.56	22.52	268
12825	28.31	-14.20	31.67	296	13825	23.81	2.66	23.96	263	14825	22.09	0.69	22.10	268
12850	28.07	-14.89	31.78	298	13850	24.90	3.16	25.10	263	14850	22.61	0.90	22.63	268
12875	27.88	-15.66	31.98	299	13875	25.11	3.16	25.31	263	14875	22.38	0.82	22.40	268
12900	27.74	-16.39	32.22	300	13900	25.27	3.03	25.45	263	14900	21.91	1.11	21.94	267
12925	27.23	-17.00	32.10	302	13925	26.17	3.51	26.40	262	14925	22.85	1.10	22.88	267
12950	27.67	-17.74	32.87	302	13950	26.87	4.41	27.23	260	14950	22.84	0.73	22.85	268
12975	26.38	-18.06	31.97	304	13975	27.86	5.00	28.31	260	14975	22.80	1.37	22.84	266
13000	23.83	-17.07	29.31	305	14000	28.55	5.27	29.03	259	15000	22.77	2.01	22.86	265
13025	23.61	-15.97	28.51	304	14025	28.93	5.14	29.38	260	15025	21.74	2.58	21.90	263
13050	23.22	-15.16	27.73	303	14050	28.94	4.62	29.31	261	15050	21.20	3.44	21.48	261
13075	21.95	-13.79	25.92	302	14075	29.96	4.03	30.23	262	15075	20.88	4.08	21.27	259
13100	21.38	-12.60	24.82	300	14100	30.82	3.72	31.04	263	15100	20.94	4.62	21.45	257
13125	20.85	-11.53	23.83	299	14125	30.52	2.88	30.66	264	15125	20.34	5.29	21.02	255
13150	20.07	-9.92	22.39	296	14150	31.64	1.79	31.69	267	15150	19.96	6.01	20.85	253
13175	21.01	-8.60	22.70	292	14175	32.05	1.11	32.07	268	15175	20.45	6.67	21.51	252
13200	21.53	-8.30	23.07	291	14200	31.83	0.41	31.83	269	15200	20.11	6.60	21.16	252
13225	21.04	-7.36	22.29	289	14225	31.79	-0.50	31.79	271	15225	20.14	6.27	21.09	253
13250	20.03	-6.10	20.94	287	14250	31.63	-1.77	31.68	273	15250	20.85	6.49	21.84	253
13275	20.75	-4.57	21.25	282	14275	31.17	-2.39	31.26	274	15275	20.83	6.80	21.91	252
13300	21.80	-3.76	22.12	280	14300	31.47	-3.24	31.64	276	15300	20.89	7.32	22.14	251
13325	21.79	-2.75	21.96	277	14325	32.12	-4.12	32.38	277	15325	20.50	7.85	21.95	249
13350	21.27	-2.75	21.44	277	14350	31.33	-4.81	31.70	279	15350	20.44	8.60	22.18	247
13375	21.69	-2.43	21.82	276	14375	30.62	-5.62	31.13	280	15375	20.88	9.48	22.93	245
13400	22.79	-1.85	22.87	274	14400	30.78	-7.00	31.56	283	15400	20.56	9.25	22.54	246
13425	22.66	-1.83	22.73	274	14425	29.85	-7.42	30.76	284	15425	20.45	8.98	22.34	246
13450	22.06	-1.84	22.13	275	14450	27.98	-7.60	29.00	285	15450	20.80	8.84	22.60	247
13475	22.95	-1.33	22.99	273	14475	26.10	-7.63	27.19	286	15475	21.34	8.37	22.92	248
13500	22.86	-1.06	22.89	272	14500	25.93	-7.43	26.97	286	15500	21.87	7.64	23.16	251
13525	22.42	-0.60	22.43	271	14525	26.44	-7.06	27.37	285	15525	21.10	6.83	22.17	252
13550	23.08	-0.03	23.08	270	14550	24.86	-6.15	25.61	284	15550	21.62	6.50	22.57	253
13575	23.84	0.21	23.85	269	14575	24.38	-5.25	24.93	282	15575	22.34	6.72	23.32	253
13600	23.94	0.25	23.94	269	14600	23.80	-4.54	24.23	281	15600	21.63	6.21	22.50	254
13625	23.75	0.24	23.75	269	14625	23.41	-3.39	23.65	278	15625	20.46	5.27	21.13	255
13650	23.12	0.44	23.12	269	14650	23.23	-2.48	23.37	276	15650	21.08	4.52	21.56	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8959 12/28/64, 1316Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15675	21.40	3.72	21.72	260	16675	21.26	0.56	21.27	268					
15700	19.84	3.40	20.13	260	16700	21.28	0.70	21.30	268					
15725	20.38	3.27	20.64	261	16725	21.05	1.36	21.09	266					
15750	20.86	2.84	21.06	262	16750	20.83	2.08	20.93	264					
15775	19.85	2.40	20.00	263	16775	21.23	2.24	21.34	264					
15800	19.67	2.53	19.83	262	16800	21.24	1.81	21.31	265					
15825	19.97	3.15	20.22	261	16825	22.46	2.65	22.61	263					
15850	19.38	3.56	19.71	259	16850	22.81	3.66	23.10	261					
15875	18.80	4.26	19.28	257	16875	21.47	4.01	21.84	259					
15900	19.01	4.29	19.49	257	16900	20.73	3.86	21.09	259					
15925	19.41	4.10	19.84	258	16925	20.51	3.49	20.80	260					
15950	19.15	4.34	19.63	257	16950	20.23	2.70	20.41	262					
15975	18.78	4.56	19.32	256	16975	20.14	1.68	20.21	265					
16000	19.66	5.24	20.35	255	17000	20.54	1.12	20.57	267					
16025	19.54	5.73	20.37	253	17025	21.04	0.55	21.05	268					
16050	19.33	6.06	20.26	252										
16075	19.69	6.65	20.78	251										
16100	20.01	7.39	21.33	250										
16125	20.27	7.44	21.59	250										
16150	20.86	7.42	22.14	250										
16175	21.66	7.33	22.87	251										
16200	21.89	7.02	22.99	252										
16225	21.66	5.83	22.44	255										
16250	21.70	5.16	22.30	256										
16275	21.52	4.77	22.05	257										
16300	22.49	4.57	22.95	258										
16325	23.21	4.18	23.58	260										
16350	22.89	3.58	23.17	261										
16375	23.23	3.20	23.45	262										
16400	23.90	3.04	24.09	263										
16425	24.09	2.16	24.18	265										
16450	23.47	1.64	23.53	266										
16475	22.29	2.03	22.38	265										
16500	21.49	2.27	21.61	264										
16525	20.62	2.75	20.81	262										
16550	20.39	2.51	20.54	263										
16575	20.44	1.39	20.49	266										
16600	20.62	0.84	20.64	267										
16625	21.08	0.35	21.09	269										
16650	21.25	0.35	21.25	269										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-5

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8960 12/29/64, 0104Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1325	1.13	-2.84	3.05	338	2325	2.62	-2.14	3.38	309	3325	3.02	-7.45	8.04	338
1350	1.41	-2.76	3.10	333	2350	2.42	-2.37	3.39	314	3350	3.30	-7.67	8.35	337
1375	1.44	-2.90	3.24	333	2375	2.30	-2.44	3.35	316	3375	3.55	-7.84	8.61	335
1400	1.19	-2.96	3.19	338	2400	2.19	-2.67	3.45	320	3400	3.72	-8.10	8.92	335
1425	1.06	-2.91	3.10	340	2425	2.09	-3.12	3.76	326	3425	3.83	-8.49	9.31	336
1450	0.98	-2.83	3.00	341	2450	2.01	-3.54	4.08	330	3450	3.94	-8.75	9.60	336
1475	0.88	-3.03	3.15	344	2475	1.85	-3.86	4.28	334	3475	4.21	-8.76	9.72	334
1500	0.86	-3.32	3.43	345	2500	1.58	-4.15	4.44	339	3500	4.58	-8.57	9.71	332
1525	1.03	-3.69	3.83	344	2525	1.36	-4.26	4.47	342	3525	5.29	-8.95	10.40	329
1550	1.24	-3.85	4.05	342	2550	1.13	-4.28	4.43	345	3550	5.97	-9.17	10.94	327
1575	1.24	-3.83	4.03	342	2575	0.93	-4.32	4.42	348	3575	6.23	-8.78	10.77	324
1600	1.29	-3.86	4.07	341	2600	0.69	-4.31	4.37	351	3600	6.27	-8.55	10.60	324
1625	1.64	-3.85	4.18	337	2625	0.34	-3.97	3.99	355	3625	6.40	-8.31	10.49	322
1650	1.90	-3.71	4.17	333	2650	0.45	-3.79	3.82	353	3650	6.74	-8.28	10.68	321
1675	1.77	-3.38	3.82	332	2675	1.12	-4.00	4.15	344	3675	7.03	-8.47	11.00	320
1700	1.79	-3.40	3.85	332	2700	1.80	-4.33	4.69	337	3700	7.21	-8.55	11.19	320
1725	1.96	-3.61	4.11	331	2725	2.51	-4.86	5.47	333	3725	7.49	-8.73	11.51	319
1750	2.08	-3.74	4.28	331	2750	3.09	-5.23	6.07	329	3750	7.69	-8.97	11.81	319
1775	2.15	-3.99	4.53	332	2775	3.02	-4.85	5.71	328	3775	7.72	-8.87	11.76	319
1800	2.10	-4.06	4.57	333	2800	2.47	-4.16	4.84	329	3800	7.81	-8.52	11.56	317
1825	2.22	-4.12	4.68	331	2825	1.94	-3.77	4.24	333	3825	7.98	-8.24	11.47	316
1850	2.56	-4.52	5.20	330	2850	1.46	-3.68	3.96	338	3850	8.35	-8.21	11.71	314
1875	2.70	-4.58	5.31	329	2875	1.04	-3.86	4.00	345	3875	8.66	-8.25	11.96	313
1900	2.72	-4.29	5.08	327	2900	0.64	-4.10	4.15	351	3900	8.69	-8.13	11.90	313
1925	3.04	-4.27	5.24	324	2925	0.28	-4.32	4.33	356	3925	8.81	-7.86	11.81	312
1950	3.64	-4.11	5.49	318	2950	0.06	-4.65	4.65	359	3950	9.09	-7.38	11.71	309
1975	3.96	-3.56	5.32	312	2975	-0.13	-5.05	5.05	1	3975	9.44	-7.06	11.79	307
2000	4.04	-2.57	4.79	302	3000	-0.22	-5.51	5.52	2	4000	10.00	-7.19	12.31	306
2025	4.23	-1.45	4.47	289	3025	-0.02	-5.95	5.95	0	4025	10.69	-7.48	13.05	305
2050	4.06	-0.55	4.09	277	3050	0.17	-6.23	6.23	358	4050	11.29	-7.57	13.60	304
2075	3.68	0.17	3.68	267	3075	0.23	-6.18	6.18	358	4075	11.56	-7.42	13.73	303
2100	3.53	0.67	3.59	259	3100	0.41	-6.02	6.03	356	4100	11.73	-7.18	13.76	301
2125	3.42	1.08	3.58	252	3125	0.86	-6.11	6.17	352	4125	12.17	-7.13	14.10	300
2150	3.13	1.24	3.36	248	3150	1.34	-6.24	6.38	348	4150	12.71	-7.06	14.53	299
2175	2.73	1.19	2.98	246	3175	1.63	-6.30	6.50	345	4175	13.52	-7.04	15.24	297
2200	2.54	0.80	2.67	252	3200	1.93	-6.68	6.95	344	4200	13.96	-6.95	15.59	296
2225	2.55	0.10	2.55	268	3225	2.24	-6.85	7.21	342	4225	13.50	-6.70	15.08	296
2250	2.57	-0.64	2.65	284	3250	2.41	-6.84	7.25	340	4250	13.92	-6.87	15.52	296
2275	2.60	-1.22	2.87	295	3275	2.59	-7.07	7.53	340	4275	13.79	-6.81	15.38	296
2300	2.68	-1.67	3.16	302	3300	2.82	-7.23	7.76	339	4300	13.81	-6.93	15.45	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8960 12/29/64, 0104Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4325	14.19	-7.20	15.91	297	5325	11.70	-0.07	11.70	270	6325	6.39	-7.10	9.55	318
4350	13.71	-7.09	15.44	297	5350	10.91	-0.55	10.93	273	6350	6.43	-7.14	9.61	318
4375	13.91	-7.27	15.69	297	5375	10.62	-0.94	10.66	275	6375	6.01	-6.90	9.15	319
4400	14.02	-7.27	15.79	297	5400	10.42	-1.17	10.49	276	6400	5.73	-6.68	8.80	319
4425	14.00	-7.22	15.75	297	5425	10.37	-1.25	10.45	277	6425	5.93	-7.05	9.21	320
4450	14.04	-7.19	15.77	297	5450	10.86	-1.44	10.95	277	6450	6.30	-7.52	9.81	320
4475	14.10	-6.82	15.66	296	5475	10.69	-1.64	10.81	279	6475	6.37	-7.78	10.06	320
4500	14.19	-6.24	15.50	294	5500	9.83	-1.57	9.95	279	6500	6.54	-8.11	10.42	321
4525	14.54	-5.89	15.69	292	5525	9.97	-1.73	10.12	280	6525	6.66	-7.94	10.36	320
4550	14.97	-5.76	16.04	291	5550	9.73	-1.95	9.93	281	6550	6.74	-7.94	10.42	320
4575	15.23	-5.40	16.16	289	5575	9.33	-2.50	9.66	285	6575	6.53	-7.71	10.11	320
4600	15.54	-4.66	16.22	287	5600	9.37	-3.24	9.91	289	6600	6.06	-7.38	9.55	320
4625	15.75	-3.76	16.20	283	5625	9.17	-3.58	9.84	291	6625	6.02	-7.89	9.92	322
4650	15.81	-3.06	16.10	281	5650	9.10	-3.79	9.86	292	6650	6.39	-8.67	10.77	323
4675	15.86	-2.38	16.04	278	5675	8.46	-3.79	9.27	294	6675	6.56	-8.86	11.02	323
4700	15.67	-1.68	15.76	276	5700	8.00	-3.80	8.86	295	6700	6.53	-8.77	10.94	323
4725	15.54	-1.14	15.59	274	5725	7.87	-3.89	8.77	296	6725	7.02	-9.34	11.68	323
4750	15.47	-0.56	15.48	272	5750	7.98	-4.39	9.11	299	6750	7.33	-9.77	12.21	323
4775	15.16	-0.24	15.17	271	5775	8.24	-4.73	9.50	300	6775	7.50	-9.85	12.37	323
4800	14.61	-0.26	14.61	271	5800	8.44	-4.88	9.74	300	6800	7.43	-9.93	12.41	323
4825	14.72	-0.01	14.72	270	5825	8.82	-5.26	10.27	301	6825	7.06	-9.90	12.16	324
4850	14.42	0.56	14.44	268	5850	8.42	-5.15	9.87	301	6850	7.28	-10.16	12.50	324
4875	13.47	1.16	13.52	265	5875	8.26	-5.42	9.88	303	6875	7.51	-10.20	12.66	323
4900	13.17	1.50	13.25	263	5900	8.15	-5.80	10.01	305	6900	7.69	-9.97	12.59	322
4925	12.87	1.74	12.99	262	5925	7.87	-5.82	9.79	306	6925	8.11	-9.94	12.83	321
4950	12.43	2.00	12.59	261	5950	8.15	-6.40	10.36	308	6950	8.63	-10.36	13.49	320
4975	12.44	2.15	12.62	260	5975	8.07	-6.53	10.38	309	6975	8.39	-10.36	13.33	321
5000	12.28	2.13	12.46	260	6000	8.02	-6.45	10.30	309	7000	7.71	-10.02	12.64	322
5025	11.81	1.99	11.98	260	6025	7.84	-6.56	10.22	310	7025	7.71	-10.13	12.73	323
5050	11.71	1.73	11.84	261	6050	7.62	-6.82	10.22	312	7050	7.85	-10.53	13.13	323
5075	11.53	1.47	11.62	263	6075	7.74	-7.16	10.54	313	7075	7.43	-10.51	12.87	325
5100	11.45	1.40	11.54	263	6100	7.45	-7.08	10.28	313	7100	6.89	-10.00	12.14	325
5125	11.43	1.30	11.50	263	6125	7.15	-6.90	9.93	314	7125	6.66	-9.98	12.00	326
5150	11.27	1.21	11.34	264	6150	7.17	-7.00	10.02	314	7150	6.65	-10.58	12.50	328
5175	11.18	1.13	11.23	264	6175	7.23	-7.19	10.20	315	7175	6.54	-10.76	12.60	329
5200	11.30	0.92	11.34	265	6200	6.91	-7.07	9.89	316	7200	6.45	-10.51	12.33	328
5225	11.05	0.55	11.06	267	6225	6.92	-7.18	9.97	316	7225	6.66	-10.60	12.52	328
5250	10.81	0.26	10.81	268	6250	6.86	-7.12	9.88	316	7250	6.46	-10.58	12.39	328
5275	10.80	0.08	10.80	269	6275	6.40	-7.01	9.49	317	7275	6.61	-11.09	12.91	329
5300	11.53	0.01	11.53	270	6300	6.17	-7.01	9.34	318	7300	6.75	-11.34	13.20	329

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-5 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8960 12/29/64, 0104Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7325	6.63	-11.41	13.20	330	8325	12.25	-10.16	15.91	310	9325	10.18	-7.35	12.56	306
7350	7.18	-12.03	14.01	329	8350	12.30	-10.17	15.96	309	9350	10.06	-7.39	12.49	306
7375	7.76	-12.56	14.77	328	8375	12.25	-10.21	15.95	310	9375	9.76	-7.47	12.29	307
7400	8.52	-13.26	15.76	327	8400	12.34	-10.13	15.97	309	9400	9.44	-7.44	12.02	308
7425	8.72	-12.93	15.59	326	8425	12.26	-9.77	15.68	308	9425	9.36	-7.46	11.97	308
7450	9.09	-12.87	15.76	325	8450	12.21	-9.52	15.48	308	9450	9.62	-7.68	12.31	308
7475	9.48	-13.11	16.18	324	8475	12.12	-9.51	15.40	308	9475	9.75	-7.85	12.52	309
7500	9.17	-12.47	15.48	323	8500	12.04	-9.45	15.31	308	9500	9.86	-7.76	12.55	308
7525	9.10	-12.26	15.27	323	8525	12.05	-9.49	15.34	308	9525	9.88	-7.75	12.55	308
7550	8.90	-12.41	15.27	324	8550	11.88	-9.49	15.21	308	9550	9.83	-7.97	12.65	309
7575	8.64	-12.74	15.40	326	8575	11.46	-9.38	14.81	309	9575	9.87	-7.99	12.70	309
7600	8.56	-12.91	15.49	326	8600	11.37	-9.51	14.82	310	9600	9.73	-8.00	12.60	309
7625	8.32	-12.93	15.38	327	8625	11.62	-9.89	15.26	310	9625	9.62	-8.32	12.72	311
7650	8.32	-13.06	15.49	327	8650	11.34	-9.89	15.05	311	9650	8.98	-8.68	12.49	314
7675	8.91	-13.34	16.04	326	8675	11.02	-9.77	14.73	311	9675	8.79	-9.07	12.63	316
7700	9.51	-13.44	16.47	325	8700	10.79	-9.83	14.60	312	9700	8.77	-9.10	12.64	316
7725	9.73	-12.95	16.20	323	8725	10.57	-9.74	14.37	312	9725	8.24	-8.99	12.20	317
7750	9.85	-12.98	16.29	323	8750	10.18	-9.32	13.80	312	9750	7.93	-9.02	12.01	319
7775	10.47	-14.11	17.57	323	8775	10.13	-9.25	13.72	312	9775	7.88	-9.17	12.09	319
7800	10.40	-14.30	17.68	324	8800	10.25	-9.28	13.83	312	9800	8.02	-9.38	12.34	319
7825	9.97	-14.11	17.27	325	8825	9.99	-9.05	13.48	312	9825	7.68	-9.32	12.07	320
7850	9.88	-14.36	17.43	325	8850	9.88	-9.00	13.37	312	9850	7.29	-9.17	11.72	321
7875	9.62	-14.31	17.24	326	8875	9.98	-8.72	13.25	311	9875	6.87	-9.09	11.40	323
7900	9.45	-14.51	17.31	327	8900	9.91	-8.47	13.04	310	9900	6.87	-9.28	11.54	323
7925	9.37	-14.69	17.42	327	8925	9.64	-8.33	12.74	311	9925	6.70	-9.23	11.41	324
7950	9.37	-14.25	17.06	326	8950	9.53	-8.07	12.49	310	9950	6.08	-8.90	10.78	325
7975	9.57	-13.80	16.79	325	8975	9.36	-7.73	12.14	309	9975	6.23	-9.55	11.40	327
8000	9.70	-13.41	16.55	324	9000	9.26	-7.58	11.96	309	10000	5.92	-9.64	11.31	328
8025	10.06	-13.37	16.73	323	9025	9.24	-7.62	11.98	309	10025	5.78	-9.81	11.38	329
8050	10.42	-13.33	16.92	322	9050	9.11	-7.57	11.85	310	10050	6.05	-10.31	11.96	329
8075	10.62	-13.02	16.80	321	9075	9.05	-7.43	11.71	309	10075	5.66	-10.31	11.76	331
8100	10.87	-12.91	16.88	320	9100	9.45	-7.42	12.01	308	10100	5.55	-10.52	11.89	332
8125	11.28	-12.64	16.95	318	9125	9.84	-7.31	12.26	306	10125	5.64	-10.93	12.30	333
8150	11.69	-12.34	17.00	316	9150	9.94	-7.09	12.21	305	10150	5.44	-11.40	12.63	334
8175	11.87	-12.00	16.88	315	9175	9.95	-7.22	12.29	306	10175	5.24	-11.68	12.80	336
8200	11.70	-11.30	16.27	314	9200	10.19	-7.31	12.54	305	10200	5.21	-12.07	13.15	336
8225	11.77	-10.87	16.02	313	9225	10.45	-7.05	12.61	304	10225	5.14	-12.56	13.57	338
8250	12.10	-10.76	16.19	311	9250	10.69	-6.82	12.68	302	10250	5.32	-12.73	13.79	337
8275	12.18	-10.53	16.10	311	9275	10.48	-6.72	12.45	302	10275	5.46	-12.89	14.00	337
8300	12.21	-10.41	16.05	310	9300	10.07	-6.96	12.24	304	10300	5.40	-13.19	14.26	338

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8960 12/29/64, 0104Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10325	5.27	-13.23	14.24	338	11325	3.19	-16.49	16.79	349	12325	11.88	-2.21	12.08	280
10350	5.20	-13.41	14.38	339	11350	3.21	-16.41	16.72	349	12350	12.91	-2.33	13.12	280
10375	5.11	-13.58	14.51	339	11375	3.29	-16.42	16.74	349	12375	13.84	-2.69	14.10	281
10400	5.00	-13.72	14.61	340	11400	3.64	-16.75	17.14	348	12400	13.73	-2.42	13.94	280
10425	4.84	-13.42	14.26	340	11425	3.75	-16.44	16.87	347	12425	13.75	-2.27	13.94	279
10450	4.91	-13.85	14.69	340	11450	3.51	-16.14	16.52	348	12450	13.98	-2.65	14.23	281
10475	5.00	-14.20	15.05	340	11475	3.54	-16.27	16.65	348	12475	14.48	-2.90	14.76	281
10500	4.82	-13.75	14.57	341	11500	3.63	-16.06	16.47	347	12500	14.76	-3.00	15.06	281
10525	4.59	-13.76	14.50	341	11525	3.44	-15.90	16.27	348	12525	14.81	-3.17	15.14	282
10550	4.51	-13.68	14.41	342	11550	3.19	-15.77	16.09	348	12550	15.04	-3.34	15.41	282
10575	4.53	-13.40	14.14	341	11575	3.17	-16.21	16.51	349	12575	15.12	-3.35	15.48	282
10600	4.40	-13.17	13.88	341	11600	3.34	-17.10	17.42	349	12600	15.34	-3.51	15.73	283
10625	4.30	-13.21	13.89	342	11625	3.42	-17.42	17.75	349	12625	15.94	-4.29	16.50	285
10650	4.12	-13.54	14.15	343	11650	3.77	-16.85	17.27	347	12650	16.17	-4.60	16.81	286
10675	4.05	-13.61	14.19	343	11675	4.26	-15.91	16.47	345	12675	15.27	-4.69	15.98	287
10700	4.08	-13.64	14.24	343	11700	4.61	-15.26	15.94	343	12700	15.91	-5.79	16.93	290
10725	4.11	-13.75	14.35	343	11725	5.13	-14.58	15.46	340	12725	16.62	-6.39	17.81	291
10750	4.13	-13.59	14.21	343	11750	5.43	-14.26	15.25	339	12750	15.58	-6.24	16.78	292
10775	4.00	-13.58	14.15	343	11775	5.86	-13.85	14.92	338	12775	15.01	-6.10	16.20	292
10800	4.04	-13.94	14.52	344	11800	5.39	-13.37	14.42	338	12800	15.10	-6.19	16.31	292
10825	3.88	-13.59	14.13	344	11825	5.14	-13.29	14.25	339	12825	16.16	-6.90	17.57	293
10850	3.85	-13.84	14.37	344	11850	5.36	-13.34	14.38	338	12850	16.55	-7.28	18.08	294
10875	4.09	-14.35	14.92	344	11875	5.64	-12.37	13.60	335	12875	16.95	-8.30	18.87	296
10900	3.88	-14.52	15.03	345	11900	6.35	-11.27	12.93	330	12900	17.31	-9.35	19.67	298
10925	3.65	-14.97	15.41	346	11925	7.09	-10.35	12.55	325	12925	16.64	-9.66	19.24	300
10950	3.39	-15.03	15.41	347	11950	7.47	-9.28	11.91	321	12950	16.53	-10.34	19.49	302
10975	3.24	-15.12	15.46	348	11975	7.63	-8.70	11.57	319	12975	16.56	-11.09	19.93	304
11000	3.16	-15.38	15.70	348	12000	8.25	-8.49	11.83	316	13000	16.41	-12.05	20.36	306
11025	2.81	-15.67	15.92	350	12025	8.56	-7.76	11.55	312	13025	16.15	-12.89	20.67	308
11050	2.57	-15.73	15.94	351	12050	8.99	-6.87	11.31	307	13050	15.73	-13.43	20.69	310
11075	2.51	-15.88	16.07	351	12075	9.48	-6.40	11.44	304	13075	14.83	-13.51	20.06	312
11100	2.39	-15.91	16.09	351	12100	9.54	-5.69	11.11	301	13100	14.37	-14.01	20.07	314
11125	2.38	-15.43	15.62	351	12125	9.79	-5.46	11.21	299	13125	13.70	-14.70	20.09	317
11150	2.72	-15.61	15.84	350	12150	9.64	-4.88	10.81	297	13150	12.68	-14.99	19.63	320
11175	2.83	-16.34	16.58	350	12175	9.71	-4.31	10.62	294	13175	11.79	-15.20	19.24	322
11200	2.93	-16.47	16.73	350	12200	10.72	-3.96	11.43	290	13200	10.04	-14.55	17.68	325
11225	3.00	-16.45	16.72	349	12225	11.31	-3.53	11.85	287	13225	8.63	-12.98	15.59	326
11250	3.12	-16.58	16.87	349	12250	10.95	-3.03	11.36	285	13250	8.49	-11.69	14.45	324
11275	3.43	-16.78	17.12	348	12275	11.38	-2.61	11.68	283	13275	8.80	-10.61	13.78	320
11300	3.31	-16.55	16.88	349	12300	11.89	-2.48	12.15	282	13300	9.44	-9.11	13.12	314

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-5 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8960 12/29/64, 0104Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13325	9.96	-7.77	12.63	308	14325	18.63	-12.87	22.65	304	15325	22.20	-0.12	22.20	270
13350	11.54	-7.03	13.51	301	14350	18.11	-12.89	22.23	305	15350	22.17	-0.57	22.17	271
13375	12.81	-6.65	14.43	297	14375	17.05	-12.31	21.04	306	15375	21.76	-1.37	21.80	273
13400	13.52	-5.43	14.57	292	14400	15.84	-11.65	19.67	306	15400	21.54	-2.31	21.66	276
13425	14.36	-4.67	15.10	288	14425	15.63	-11.19	19.23	305	15425	21.24	-2.48	21.39	276
13450	14.39	-4.07	14.95	286	14450	15.44	-10.72	18.80	305	15450	21.62	-2.21	21.73	276
13475	14.71	-3.76	15.19	284	14475	14.54	-9.59	17.42	303	15475	22.02	-1.79	22.09	274
13500	17.06	-3.67	17.45	282	14500	14.10	-8.33	16.38	300	15500	21.83	-1.72	21.89	274
13525	17.29	-3.16	17.58	280	14525	14.26	-7.47	16.10	297	15525	21.97	-1.80	22.04	275
13550	17.81	-2.94	18.05	279	14550	14.33	-6.55	15.76	294	15550	22.38	-1.63	22.44	274
13575	18.41	-3.08	18.67	279	14575	13.97	-5.27	14.93	290	15575	22.98	-1.69	23.04	274
13600	18.27	-2.44	18.43	277	14600	14.33	-4.63	15.06	288	15600	23.06	-2.50	23.19	276
13625	18.83	-2.19	18.96	276	14625	14.54	-3.86	15.04	285	15625	22.75	-3.14	22.97	278
13650	19.37	-2.53	19.54	277	14650	14.00	-2.85	14.28	281	15650	21.86	-3.65	22.16	279
13675	19.93	-2.25	20.05	276	14675	14.48	-1.93	14.61	277	15675	21.84	-4.28	22.25	281
13700	20.46	-2.21	20.58	276	14700	14.72	-1.51	14.79	276	15700	21.93	-4.12	22.31	280
13725	20.76	-2.38	20.90	276	14725	14.44	-0.49	14.44	272	15725	21.26	-4.13	21.66	281
13750	21.55	-2.42	21.68	276	14750	14.71	0.93	14.74	266	15750	20.78	-4.52	21.27	282
13775	20.89	-2.75	21.07	277	14775	14.99	1.71	15.09	263	15775	20.70	-4.68	21.23	283
13800	20.72	-3.32	20.98	279	14800	15.85	2.25	16.01	262	15800	21.53	-4.70	22.04	282
13825	21.45	-3.81	21.78	280	14825	16.28	2.77	16.51	260	15825	21.47	-4.52	21.94	282
13850	20.67	-3.95	21.05	281	14850	16.58	3.48	16.94	258	15850	21.54	-4.39	21.98	281
13875	20.04	-4.16	20.47	282	14875	16.49	3.60	16.88	258	15875	21.46	-4.55	21.94	282
13900	20.38	-4.63	20.89	283	14900	16.44	4.13	16.95	256	15900	20.84	-4.60	21.34	282
13925	21.20	-4.81	21.74	283	14925	17.79	4.76	18.42	255	15925	20.90	-4.09	21.29	281
13950	21.37	-5.10	21.97	283	14950	18.31	5.25	19.05	254	15950	21.12	-3.89	21.47	280
13975	20.92	-5.29	21.58	284	14975	18.38	5.53	19.19	253	15975	21.09	-3.79	21.43	280
14000	21.61	-5.86	22.39	285	15000	19.01	5.70	19.85	253	16000	21.03	-3.21	21.28	278
14025	22.46	-6.57	23.40	286	15025	18.93	5.98	19.85	252	16025	21.52	-2.53	21.67	277
14050	22.03	-7.25	23.19	288	15050	20.12	6.32	21.09	252	16050	21.24	-2.22	21.35	276
14075	21.66	-7.89	23.05	290	15075	20.98	6.11	21.85	254	16075	21.64	-2.80	21.82	277
14100	21.68	-8.66	23.34	292	15100	20.83	5.54	21.55	255	16100	22.18	-3.27	22.42	278
14125	21.91	-9.64	23.94	294	15125	21.17	5.08	21.77	256	16125	21.85	-3.63	22.14	279
14150	21.72	-10.12	23.96	295	15150	21.69	4.69	22.19	258	16150	21.52	-4.29	21.94	281
14175	21.57	-10.90	24.17	297	15175	21.76	4.42	22.21	258	16175	21.13	-5.17	21.75	284
14200	20.99	-11.44	23.91	298	15200	22.14	3.93	22.48	260	16200	20.58	-5.60	21.33	285
14225	20.11	-11.44	23.14	299	15225	22.66	3.28	22.89	262	16225	20.75	-5.92	21.57	286
14250	19.54	-11.34	22.59	300	15250	22.00	2.38	22.13	264	16250	21.05	-6.67	22.09	287
14275	19.27	-11.71	22.55	301	15275	22.22	1.63	22.28	266	16275	20.45	-7.84	21.91	291
14300	18.95	-12.25	22.56	303	15300	22.36	0.71	22.37	268	16300	19.83	-8.48	21.57	293

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8960 12/29/64, 0104Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16325	19.45	-8.73	21.32	294	17325	12.57	0.65	12.58	267					
16350	19.61	-8.70	21.46	294	17350	13.07	0.99	13.11	265					
16375	19.85	-8.26	21.50	292	17375	14.07	1.24	14.13	265					
16400	20.01	-8.24	21.64	292	17400	14.56	1.31	14.61	265					
16425	19.47	-8.22	21.14	293	17425	14.60	1.31	14.65	265					
16450	18.98	-7.79	20.52	292	17450	15.23	1.04	15.26	266					
16475	19.32	-7.80	20.84	292	17475	15.46	0.84	15.48	267					
16500	18.92	-8.06	20.57	293	17500	15.46	0.70	15.48	267					
16525	18.57	-7.60	20.06	292	17525	15.70	0.58	15.71	268					
16550	19.09	-7.39	20.47	291	17550	15.88	0.05	15.88	270					
16575	19.10	-7.34	20.47	291	17575	16.02	-1.07	16.05	274					
16600	19.33	-7.57	20.76	291	17600	16.35	-1.60	16.43	275					
16625	18.71	-7.80	20.27	292	17625	16.83	-2.23	16.98	277					
16650	17.25	-7.90	18.97	294	17650	16.43	-2.98	16.70	280					
16675	16.54	-8.24	18.48	296	17675	15.45	-3.20	15.78	282					
16700	15.98	-8.46	18.08	298	17700	14.90	-2.57	15.12	280					
16725	15.30	-9.04	17.77	300	17725	14.70	-2.02	14.83	278					
16750	14.70	-9.37	17.44	302	17750	14.83	-1.71	14.92	276					
16775	14.57	-9.77	17.54	304	17775	15.14	-1.15	15.18	274					
16800	14.27	-10.23	17.56	305	17800	15.28	-0.82	15.31	273					
16825	13.42	-10.81	17.23	309	17825	15.40	-0.18	15.40	271					
16850	12.97	-11.02	17.02	310	17850	15.48	-0.30	15.48	271					
16875	12.21	-10.43	16.06	310	17875	15.58	-1.03	15.61	274					
16900	11.77	-9.98	15.43	310	17900	15.63	-1.49	15.70	275					
16925	11.16	-9.79	14.84	311	17925	15.94	-2.04	16.07	277					
16950	9.97	-9.51	13.77	313										
16975	9.30	-9.17	13.07	314										
17000	8.54	-8.81	12.26	316										
17025	7.35	-8.54	11.26	319										
17050	6.25	-8.05	10.19	322										
17075	4.73	-6.96	8.42	326										
17100	4.36	-6.00	7.42	324										
17125	5.08	-5.10	7.20	315										
17150	6.48	-4.26	7.75	303										
17175	7.82	-4.04	8.80	297										
17200	9.21	-3.69	9.92	292										
17225	10.36	-3.45	10.92	288										
17250	11.48	-2.93	11.85	284										
17275	12.44	-1.95	12.59	279										
17300	12.50	-0.74	12.52	273										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-6

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8963 12/31/64, 1310Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	0.58	-5.39	5.42	354	1200	-5.83	-2.45	6.32	67	2200	-2.78	-4.98	5.70	29
225	-0.06	-4.90	4.90	1	1225	-5.79	-2.39	6.26	67	2225	-2.80	-4.91	5.65	29
250	-0.55	-4.69	4.72	6	1250	-5.80	-2.16	6.19	69	2250	-3.00	-5.11	5.92	30
275	-1.00	-4.95	5.05	11	1275	-6.08	-2.24	6.48	70	2275	-3.14	-4.98	5.89	32
300	-1.31	-5.17	5.34	14	1300	-6.33	-2.53	6.81	68	2300	-3.02	-4.69	5.58	33
325	-1.45	-4.76	4.98	17	1325	-6.26	-2.62	6.79	67	2325	-2.74	-4.61	5.36	31
350	-1.79	-4.48	4.82	22	1350	-6.24	-2.60	6.76	67	2350	-2.58	-4.46	5.15	30
375	-1.93	-4.21	4.63	24	1375	-6.71	-2.81	7.28	67	2375	-2.49	-4.39	5.05	29
400	-2.31	-3.74	4.39	32	1400	-6.87	-2.83	7.43	67	2400	-2.44	-4.39	5.02	29
425	-2.81	-3.48	4.47	39	1425	-6.93	-2.85	7.49	67	2425	-2.30	-4.35	4.92	28
450	-2.75	-3.42	4.39	39	1450	-6.91	-3.01	7.54	66	2450	-2.39	-4.45	5.05	28
475	-2.84	-3.45	4.47	39	1475	-6.93	-2.99	7.55	66	2475	-2.51	-4.54	5.19	29
500	-2.89	-3.42	4.48	40	1500	-6.96	-3.08	7.61	66	2500	-2.40	-4.47	5.07	28
525	-3.12	-3.30	4.54	43	1525	-6.63	-3.04	7.29	65	2525	-2.47	-4.46	5.10	29
550	-3.27	-3.06	4.48	47	1550	-7.01	-3.04	7.64	66	2550	-2.46	-4.40	5.05	29
575	-3.40	-3.06	4.57	48	1575	-6.92	-2.80	7.47	68	2575	-2.29	-4.22	4.80	28
600	-3.69	-3.00	4.76	51	1600	-6.40	-2.25	6.79	70	2600	-2.29	-3.93	4.55	30
625	-3.93	-3.01	4.95	52	1625	-5.82	-1.99	6.15	71	2625	-2.57	-3.86	4.64	33
650	-4.18	-3.24	5.29	52	1650	-4.89	-2.12	5.33	66	2650	-2.55	-3.79	4.57	34
675	-4.09	-3.01	5.08	53	1675	-3.70	-2.21	4.31	59	2675	-2.32	-3.41	4.13	34
700	-4.30	-2.87	5.17	56	1700	-2.56	-1.87	3.17	54	2700	-2.22	-3.17	3.87	35
725	-4.32	-2.91	5.21	56	1725	-2.10	-1.71	2.71	51	2725	-2.07	-2.94	3.59	35
750	-4.35	-3.07	5.32	55	1750	-1.91	-1.99	2.76	44	2750	-1.97	-2.68	3.33	36
775	-4.75	-3.08	5.66	57	1775	-1.44	-2.20	2.63	33	2775	-2.00	-2.47	3.18	39
800	-4.48	-2.77	5.26	58	1800	-1.03	-2.34	2.56	23	2800	-1.96	-2.16	2.92	42
825	-4.52	-2.67	5.25	59	1825	-0.59	-2.60	2.67	12	2825	-1.80	-1.92	2.63	43
850	-4.56	-2.61	5.25	60	1850	-0.25	-2.81	2.82	5	2850	-1.74	-1.86	2.55	43
875	-4.55	-2.55	5.22	61	1875	-0.31	-2.66	2.68	7	2875	-1.77	-1.77	2.51	45
900	-4.63	-2.66	5.34	60	1900	-0.52	-2.46	2.51	12	2900	-1.73	-1.51	2.29	49
925	-4.66	-2.70	5.39	60	1925	-0.82	-2.29	2.43	20	2925	-1.66	-1.25	2.08	53
950	-4.71	-2.72	5.44	60	1950	-1.22	-1.88	2.24	33	2950	-1.51	-1.01	1.82	56
975	-4.71	-2.57	5.37	61	1975	-1.46	-1.48	2.08	44	2975	-1.39	-0.98	1.70	54
1000	-4.80	-2.26	5.30	65	2000	-1.80	-1.06	2.09	59	3000	-1.36	-1.27	1.86	47
1025	-4.96	-2.18	5.42	66	2025	-2.15	-1.16	2.45	61	3025	-1.32	-1.48	1.98	42
1050	-5.03	-2.20	5.49	66	2050	-2.38	-2.05	3.14	49	3050	-1.39	-1.63	2.15	40
1075	-4.97	-2.29	5.47	65	2075	-2.39	-3.01	3.85	38	3075	-1.41	-1.81	2.29	38
1100	-5.05	-2.34	5.57	65	2100	-2.50	-3.72	4.48	34	3100	-1.34	-1.84	2.28	36
1125	-5.31	-2.27	5.78	67	2125	-2.92	-4.38	5.27	33	3125	-1.23	-1.84	2.21	34
1150	-5.54	-2.18	5.95	68	2150	-3.09	-4.93	5.82	32	3150	-1.08	-1.86	2.15	30
1175	-5.67	-2.26	6.10	68	2175	-2.95	-5.09	5.88	30	3175	-1.06	-1.92	2.19	29

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8963 12/31/64, 1310Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	-1.15	-1.90	2.22	31	4200	-2.63	-8.22	8.63	18	5200	4.25	-4.07	5.89	314
3225	-1.36	-1.75	2.21	38	4225	-2.56	-8.24	8.63	17	5225	4.06	-3.67	5.48	312
3250	-1.53	-1.58	2.20	44	4250	-2.63	-8.51	8.91	17	5250	4.17	-3.45	5.42	309
3275	-1.70	-1.24	2.10	54	4275	-2.64	-8.65	9.04	17	5275	4.35	-3.21	5.41	306
3300	-1.70	-0.87	1.92	63	4300	-2.63	-8.76	9.15	17	5300	4.40	-2.87	5.26	303
3325	-1.64	-0.55	1.73	71	4325	-2.80	-8.78	9.21	17	5325	4.42	-2.68	5.17	301
3350	-1.67	-0.45	1.73	75	4350	-2.92	-8.43	8.92	19	5350	4.56	-2.68	5.29	300
3375	-1.69	-0.63	1.81	69	4375	-2.88	-8.14	8.64	19	5375	4.83	-2.87	5.61	301
3400	-1.89	-1.13	2.20	59	4400	-2.62	-7.91	8.34	18	5400	4.98	-2.98	5.80	301
3425	-1.97	-1.65	2.57	50	4425	-2.30	-7.13	7.49	18	5425	5.03	-2.95	5.83	300
3450	-1.89	-1.91	2.69	44	4450	-2.07	-6.27	6.60	18	5450	4.95	-2.81	5.69	299
3475	-1.91	-2.04	2.79	43	4475	-1.84	-5.86	6.14	17	5475	4.86	-2.70	5.56	299
3500	-1.90	-2.25	2.95	40	4500	-1.46	-5.56	5.75	14	5500	4.91	-2.85	5.67	300
3525	-2.10	-2.59	3.33	39	4525	-0.77	-5.37	5.43	8	5525	4.89	-2.80	5.64	300
3550	-2.14	-2.84	3.56	37	4550	-0.18	-5.54	5.55	2	5550	4.93	-2.59	5.57	298
3575	-1.93	-2.94	3.52	33	4575	0.09	-5.76	5.76	359	5575	5.17	-2.44	5.72	295
3600	-1.90	-3.01	3.55	32	4600	0.37	-6.00	6.01	356	5600	5.41	-2.44	5.93	294
3625	-1.97	-3.21	3.76	31	4625	0.78	-5.86	5.91	352	5625	5.48	-2.52	6.03	295
3650	-2.00	-3.40	3.94	30	4650	0.88	-5.17	5.25	350	5650	5.66	-2.78	6.30	296
3675	-1.99	-3.58	4.09	29	4675	0.82	-4.36	4.44	349	5675	5.75	-2.90	6.44	297
3700	-1.96	-3.65	4.14	28	4700	0.87	-3.53	3.64	346	5700	5.66	-2.86	6.34	297
3725	-1.88	-3.71	4.16	27	4725	1.00	-2.59	2.78	339	5725	5.72	-2.99	6.46	297
3750	-1.98	-3.88	4.35	27	4750	1.30	-1.71	2.15	322	5750	5.86	-3.10	6.63	298
3775	-2.12	-3.97	4.50	28	4775	1.88	-1.71	2.55	312	5775	5.93	-3.20	6.74	298
3800	-2.14	-4.13	4.65	27	4800	2.50	-2.40	3.47	314	5800	6.01	-3.22	6.82	298
3825	-2.11	-4.44	4.92	25	4825	2.96	-3.02	4.23	315	5825	6.19	-3.41	7.07	299
3850	-2.10	-4.75	5.20	24	4850	3.40	-3.36	4.78	315	5850	6.34	-3.75	7.37	300
3875	-2.18	-5.11	5.56	23	4875	3.67	-3.64	5.17	315	5875	6.42	-3.86	7.50	301
3900	-2.14	-5.19	5.62	22	4900	3.74	-3.92	5.42	316	5900	6.42	-3.83	7.47	301
3925	-2.07	-5.25	5.65	21	4925	3.86	-4.20	5.70	317	5925	6.58	-3.77	7.59	300
3950	-2.07	-5.46	5.84	21	4950	4.11	-4.63	6.20	318	5950	6.68	-3.55	7.56	298
3975	-2.02	-5.58	5.94	20	4975	4.52	-5.17	6.87	319	5975	6.48	-3.24	7.25	296
4000	-2.12	-5.78	6.16	20	5000	4.83	-5.38	7.23	318	6000	6.33	-3.21	7.10	297
4025	-2.23	-6.00	6.40	20	5025	4.88	-5.21	7.14	317	6025	6.32	-3.20	7.08	297
4050	-2.37	-6.09	6.53	21	5050	4.98	-5.22	7.21	316	6050	6.29	-3.19	7.05	297
4075	-2.53	-6.27	6.76	22	5075	4.96	-5.17	7.17	316	6075	6.35	-3.15	7.09	296
4100	-2.58	-6.49	6.98	21	5100	4.75	-4.89	6.82	316	6100	6.50	-3.12	7.21	295
4125	-2.58	-6.58	7.07	21	5125	4.66	-4.69	6.61	315	6125	6.56	-3.12	7.27	295
4150	-2.51	-6.63	7.09	21	5150	4.54	-4.54	6.42	315	6150	6.58	-3.27	7.35	296
4175	-2.61	-7.61	8.04	19	5175	4.39	-4.38	6.20	315	6175	6.60	-3.40	7.42	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-6 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8963 12/31/64, 1310Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	6.61	-3.39	7.43	297	7200	4.91	-0.94	4.99	281	8200	2.18	-1.48	2.63	304
6225	6.64	-3.49	7.50	298	7225	4.82	-0.97	4.92	281	8225	1.94	-1.54	2.48	308
6250	6.59	-3.54	7.48	298	7250	4.67	-0.99	4.77	282	8250	1.49	-1.61	2.20	317
6275	6.57	-3.45	7.42	297	7275	4.76	-0.73	4.82	279	8275	1.24	-1.79	2.17	325
6300	6.88	-3.16	7.57	294	7300	4.76	-0.46	4.78	275	8300	1.26	-1.81	2.21	325
6325	6.76	-2.74	7.30	292	7325	4.45	-0.27	4.46	273	8325	1.68	-1.79	2.45	317
6350	6.38	-2.24	6.76	289	7350	4.20	-0.19	4.20	272	8350	2.11	-1.87	2.82	311
6375	6.39	-1.97	6.69	287	7375	3.89	-0.29	3.90	274	8375	2.31	-2.00	3.06	311
6400	6.24	-1.84	6.50	286	7400	3.54	-0.26	3.55	274	8400	2.33	-2.25	3.24	314
6425	6.06	-1.68	6.29	285	7425	3.36	-0.18	3.37	273	8425	2.26	-2.47	3.35	317
6450	5.95	-1.55	6.15	284	7450	3.56	-0.28	3.57	274	8450	2.25	-2.57	3.42	319
6475	5.83	-1.35	5.99	283	7475	3.94	-0.36	3.95	275	8475	2.23	-2.41	3.28	317
6500	5.71	-1.03	5.80	280	7500	4.01	-0.30	4.02	274	8500	2.27	-2.09	3.08	312
6525	5.76	-0.87	5.83	278	7525	4.11	-0.31	4.12	274	8525	2.38	-1.87	3.03	308
6550	5.84	-0.88	5.91	278	7550	4.28	-0.49	4.31	276	8550	2.44	-1.83	3.05	307
6575	5.92	-0.81	5.97	278	7575	4.46	-0.77	4.52	280	8575	2.43	-1.75	3.00	306
6600	5.86	-0.73	5.90	277	7600	4.50	-0.93	4.60	282	8600	2.40	-1.69	2.93	305
6625	5.63	-0.62	5.66	276	7625	4.50	-1.08	4.63	283	8625	2.33	-1.59	2.83	304
6650	6.09	-0.63	6.12	276	7650	4.37	-1.11	4.50	284	8650	2.34	-1.40	2.72	301
6675	6.27	-0.60	6.30	275	7675	4.15	-1.34	4.36	288	8675	2.38	-1.28	2.70	298
6700	6.16	-0.50	6.18	274	7700	4.14	-1.67	4.46	292	8700	2.42	-1.18	2.70	296
6725	6.48	-0.69	6.52	276	7725	3.90	-1.60	4.22	292	8725	2.38	-1.13	2.63	295
6750	6.52	-0.62	6.55	275	7750	3.56	-1.57	3.90	294	8750	2.17	-1.05	2.41	296
6775	6.38	-0.39	6.39	273	7775	3.20	-1.50	3.53	295	8775	2.37	-0.94	2.55	292
6800	6.64	-0.46	6.66	274	7800	3.16	-1.64	3.56	297	8800	2.60	-0.80	2.72	287
6825	6.84	-0.43	6.86	273	7825	3.09	-1.77	3.56	300	8825	2.69	-0.80	2.81	286
6850	6.66	-0.29	6.67	272	7850	2.95	-1.74	3.43	300	8850	2.98	-1.10	3.17	290
6875	6.35	-0.22	6.36	272	7875	3.00	-1.65	3.42	299	8875	3.30	-1.46	3.61	294
6900	6.24	-0.36	6.25	273	7900	3.05	-1.51	3.40	296	8900	3.42	-1.59	3.77	295
6925	6.25	-0.80	6.30	277	7925	3.25	-1.35	3.52	292	8925	3.24	-1.42	3.54	294
6950	6.11	-1.13	6.22	280	7950	3.30	-1.10	3.48	288	8950	3.19	-1.34	3.46	293
6975	5.83	-1.36	5.99	283	7975	3.31	-0.90	3.43	285	8975	3.18	-1.41	3.48	294
7000	5.68	-1.56	5.89	285	8000	3.39	-0.77	3.47	283	9000	3.06	-1.47	3.40	296
7025	5.60	-1.58	5.82	286	8025	3.23	-0.59	3.28	280	9025	3.11	-1.24	3.35	292
7050	5.52	-1.32	5.68	283	8050	2.98	-0.58	3.04	281	9050	3.48	-0.95	3.60	285
7075	5.44	-1.15	5.56	282	8075	2.73	-0.88	2.87	288	9075	3.92	-0.99	4.04	284
7100	5.29	-1.09	5.40	281	8100	2.51	-1.10	2.74	293	9100	4.09	-1.27	4.28	287
7125	5.26	-0.89	5.33	279	8125	2.40	-1.21	2.69	297	9125	4.02	-1.54	4.30	291
7150	5.20	-0.83	5.26	279	8150	2.28	-1.28	2.61	299	9150	4.32	-1.90	4.72	294
7175	5.02	-0.96	5.11	281	8175	2.16	-1.39	2.56	303	9175	4.35	-2.28	4.91	298

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8963 12/31/64, 1310Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	3.66	-2.36	4.36	303	10200	9.34	0.17	9.35	269	11200	17.92	2.84	18.14	261
9225	3.27	-2.65	4.21	309	10225	9.70	-0.14	9.70	271	11225	17.80	2.36	17.96	262
9250	3.16	-3.13	4.45	314	10250	9.94	-0.47	9.95	273	11250	17.87	1.80	17.96	264
9275	3.12	-3.43	4.64	318	10275	10.06	-0.57	10.08	273	11275	18.03	1.41	18.08	265
9300	3.06	-3.37	4.56	318	10300	10.43	-0.59	10.44	273	11300	18.27	1.22	18.31	266
9325	3.17	-3.10	4.43	314	10325	10.99	-0.45	10.99	272	11325	18.42	0.87	18.44	267
9350	3.43	-3.12	4.63	312	10350	11.47	-0.13	11.47	270	11350	18.16	0.49	18.17	268
9375	3.51	-3.20	4.75	312	10375	11.63	0.23	11.63	269	11375	17.67	0.11	17.67	269
9400	3.58	-3.02	4.68	310	10400	11.35	0.19	11.35	269	11400	17.08	-0.29	17.08	271
9425	3.64	-2.82	4.60	308	10425	11.12	-0.04	11.12	270	11425	17.44	-0.74	17.46	272
9450	3.44	-2.58	4.30	307	10450	11.24	-0.00	11.24	270	11450	18.27	-1.36	18.32	274
9475	3.35	-2.53	4.20	307	10475	11.32	0.17	11.32	269	11475	18.13	-1.58	18.20	275
9500	3.40	-2.55	4.25	307	10500	11.41	0.37	11.42	268	11500	17.48	-1.22	17.53	274
9525	3.39	-2.38	4.14	305	10525	11.80	0.47	11.81	268	11525	17.38	-0.80	17.40	272
9550	3.55	-2.20	4.18	302	10550	11.78	0.51	11.79	267	11550	17.76	-0.78	17.78	272
9575	3.77	-1.71	4.13	294	10575	11.48	0.62	11.49	267	11575	17.76	-1.11	17.80	273
9600	4.41	-1.16	4.56	285	10600	11.77	0.84	11.80	266	11600	17.98	-1.46	18.04	274
9625	4.84	-0.87	4.92	280	10625	12.04	0.97	12.08	265	11625	18.13	-1.77	18.22	275
9650	4.94	-0.61	4.98	277	10650	11.91	0.93	11.95	265	11650	17.92	-2.09	18.04	276
9675	5.33	-0.24	5.34	272	10675	12.04	0.86	12.07	266	11675	17.87	-2.42	18.03	278
9700	5.94	0.22	5.94	268	10700	11.79	0.59	11.81	267	11700	17.85	-2.87	18.08	279
9725	6.38	0.44	6.39	266	10725	11.80	0.51	11.81	267	11725	17.85	-3.25	18.14	280
9750	6.50	0.26	6.51	268	10750	12.00	0.59	12.01	267	11750	18.26	-3.19	18.53	280
9775	6.18	-0.03	6.18	270	10775	11.95	0.41	11.96	268	11775	18.70	-2.62	18.88	278
9800	5.77	-0.25	5.78	272	10800	11.85	0.23	11.85	269	11800	18.74	-2.10	18.86	276
9825	5.54	-0.32	5.55	273	10825	11.63	0.33	11.64	268	11825	18.88	-1.84	18.97	275
9850	5.17	-0.42	5.18	275	10850	11.36	0.47	11.37	267	11850	18.90	-1.61	18.97	275
9875	4.92	-0.42	4.93	275	10875	11.52	0.61	11.53	267	11875	19.02	-1.18	19.05	273
9900	5.28	-0.28	5.29	273	10900	11.90	0.46	11.91	268	11900	19.17	-0.61	19.18	272
9925	5.69	-0.25	5.69	272	10925	11.77	0.11	11.77	269	11925	18.80	-0.10	18.80	270
9950	6.00	-0.26	6.00	272	10950	11.77	0.17	11.77	269	11950	19.10	0.04	19.10	270
9975	6.16	-0.41	6.18	274	10975	12.26	0.38	12.26	268	11975	19.77	-0.30	19.77	271
10000	6.76	-0.53	6.78	274	11000	12.73	0.76	12.75	266	12000	19.61	-0.76	19.63	272
10025	7.17	-0.32	7.18	272	11025	13.25	1.40	13.33	264	12025	19.60	-1.25	19.64	273
10050	7.41	0.14	7.41	269	11050	14.00	1.65	14.10	263	12050	19.77	-1.66	19.84	275
10075	8.33	0.41	8.34	267	11075	14.52	1.73	14.63	263	12075	20.59	-2.10	20.69	276
10100	8.67	0.58	8.69	266	11100	14.60	2.26	14.78	261	12100	21.37	-2.52	21.52	277
10125	8.78	0.68	8.81	265	11125	15.98	3.18	16.29	259	12125	21.97	-2.96	22.17	277
10150	9.09	0.44	9.10	267	11150	17.03	3.32	17.35	259	12150	22.09	-3.34	22.34	278
10175	9.18	0.24	9.19	268	11175	17.39	3.08	17.66	260	12175	22.11	-3.44	22.37	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-6 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8963 12/31/64, 1310Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	22.11	-3.30	22.35	278	13200	25.62	-1.26	25.65	273	14200	26.70	-4.48	27.07	279
12225	22.73	-3.44	22.99	278	13225	25.51	-1.61	25.57	273	14225	26.96	-5.11	27.44	281
12250	23.35	-3.98	23.69	279	13250	25.58	-2.01	25.66	274	14250	27.36	-5.68	27.95	282
12275	23.11	-4.28	23.50	280	13275	25.53	-2.19	25.62	275	14275	26.32	-5.80	26.95	282
12300	22.77	-4.31	23.18	281	13300	25.89	-2.39	26.00	275	14300	27.20	-6.65	28.00	284
12325	22.28	-4.23	22.68	281	13325	26.45	-2.70	26.59	276	14325	27.82	-7.03	28.69	284
12350	22.16	-4.08	22.53	280	13350	26.12	-2.92	26.29	276	14350	26.73	-6.59	27.53	284
12375	22.25	-3.97	22.60	280	13375	25.80	-2.93	25.96	276	14375	26.19	-6.56	27.00	284
12400	22.30	-3.71	22.61	279	13400	26.33	-3.04	26.50	276	14400	25.96	-6.57	26.78	284
12425	21.88	-3.44	22.15	279	13425	26.74	-3.32	26.94	277	14425	25.53	-6.37	26.31	284
12450	22.20	-3.43	22.46	279	13450	26.52	-3.56	26.75	277	14450	25.45	-6.91	26.37	285
12475	22.70	-3.32	22.95	278	13475	26.56	-3.71	26.82	278	14475	25.34	-7.60	26.45	287
12500	22.39	-3.11	22.60	278	13500	26.17	-3.80	26.44	278	14500	25.16	-8.23	26.48	288
12525	22.15	-2.79	22.32	277	13525	26.80	-4.03	27.10	278	14525	24.97	-8.63	26.42	289
12550	21.96	-2.43	22.10	276	13550	27.96	-4.18	28.27	278	14550	24.63	-9.15	26.28	290
12575	22.43	-2.22	22.54	275	13575	28.43	-4.27	28.75	278	14575	24.51	-9.93	26.44	292
12600	22.47	-2.11	22.57	275	13600	28.56	-4.74	28.95	279	14600	24.36	-9.99	26.33	292
12625	22.73	-2.26	22.84	276	13625	28.64	-5.57	29.18	281	14625	24.23	-9.93	26.19	292
12650	23.24	-2.36	23.36	276	13650	28.72	-6.19	29.38	282	14650	24.47	-10.25	26.53	293
12675	22.78	-2.10	22.88	275	13675	28.13	-6.71	28.92	283	14675	24.45	-10.28	26.53	293
12700	23.02	-1.89	23.10	275	13700	27.64	-6.84	28.48	284	14700	24.12	-10.38	26.26	293
12725	23.32	-1.70	23.38	274	13725	26.87	-6.62	27.68	284	14725	23.79	-10.93	26.18	294
12750	23.15	-1.48	23.19	273	13750	26.02	-6.34	26.78	284	14750	23.82	-11.39	26.40	295
12775	23.25	-1.41	23.29	273	13775	25.26	-5.90	25.94	283	14775	23.57	-11.62	26.28	296
12800	23.44	-1.54	23.49	274	13800	24.92	-5.06	25.43	281	14800	23.54	-12.11	26.47	297
12825	23.29	-1.52	23.34	274	13825	25.16	-4.36	25.53	280	14825	23.86	-12.70	27.03	298
12850	23.22	-1.51	23.27	274	13850	25.01	-3.62	25.27	278	14850	23.21	-12.79	26.50	299
12875	23.27	-1.59	23.32	274	13875	24.89	-2.61	25.03	276	14875	22.91	-12.95	26.32	299
12900	23.12	-1.35	23.16	273	13900	25.43	-2.12	25.52	275	14900	22.69	-12.92	26.11	299
12925	23.21	-0.92	23.23	272	13925	25.51	-1.84	25.57	274	14925	22.45	-12.76	25.82	299
12950	23.26	-0.40	23.26	271	13950	25.49	-1.37	25.53	273	14950	22.16	-12.38	25.38	299
12975	23.57	-0.05	23.57	270	13975	25.90	-1.27	25.93	273	14975	22.07	-12.35	25.29	299
13000	24.19	0.13	24.19	270	14000	25.82	-1.69	25.87	274	15000	22.04	-12.39	25.29	299
13025	23.81	0.26	23.81	269	14025	25.44	-1.99	25.52	274	15025	21.35	-11.82	24.41	299
13050	24.16	0.38	24.16	269	14050	25.72	-2.24	25.81	275	15050	20.89	-11.50	23.85	299
13075	24.30	0.51	24.31	269	14075	26.12	-2.62	26.25	276	15075	20.96	-11.10	23.72	298
13100	24.06	0.55	24.07	269	14100	25.82	-3.02	25.99	276	15100	20.63	-10.79	23.28	297
13125	24.80	-0.03	24.80	270	14125	26.16	-3.39	26.38	277	15125	21.14	-11.36	24.00	298
13150	24.84	-0.73	24.85	272	14150	26.60	-3.62	26.84	278	15150	21.86	-11.78	24.84	298
13175	25.05	-1.02	25.07	272	14175	26.92	-4.04	27.22	278	15175	22.01	-11.62	24.89	298

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 8963 12/31/64, 1310Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	22.37	-11.66	25.22	297	16200	19.05	-7.69	20.55	292					
15225	22.17	-11.75	25.09	298	16225	17.76	-7.78	19.39	293					
15250	22.93	-12.45	26.09	298	16250	17.71	-7.40	19.20	292					
15275	23.91	-13.10	27.27	299	16275	18.51	-6.99	19.79	291					
15300	24.05	-12.97	27.33	298	16300	18.04	-6.30	19.11	289					
15325	24.62	-13.14	27.90	298	16325	17.66	-5.49	18.49	287					
15350	24.76	-13.16	28.04	298	16350	17.80	-4.89	18.46	285					
15375	24.51	-12.94	27.72	298	16375	17.63	-4.88	18.30	285					
15400	24.15	-12.86	27.36	298	16400	17.69	-5.93	18.65	288					
15425	24.09	-12.76	27.26	298	16425	18.07	-6.76	19.29	290					
15450	23.96	-12.42	26.99	297	16450	18.25	-7.00	19.55	291					
15475	23.59	-11.93	26.44	297	16475	17.89	-7.41	19.37	292					
15500	23.58	-11.75	26.35	296	16500	18.93	-7.75	20.45	292					
15525	22.31	-11.16	24.95	296	16525	19.41	-7.81	20.92	292					
15550	22.25	-11.02	24.83	296	16550	19.23	-8.45	21.00	294					
15575	22.40	-11.01	24.96	296	16575	19.10	-9.30	21.24	296					
15600	21.03	-10.31	23.42	296	16600	18.56	-9.89	21.03	298					
15625	20.22	-10.00	22.56	296	16625	17.56	-9.70	20.06	299					
15650	20.48	-9.74	22.68	295	16650	17.66	-9.17	19.90	297					
15675	20.65	-9.23	22.62	294	16675	17.68	-9.13	19.90	297					
15700	21.24	-9.14	23.12	293	16700	17.09	-8.65	19.15	297					
15725	22.22	-9.17	24.03	292	16725	17.10	-8.30	19.00	296					
15750	21.82	-8.69	23.49	292	16750	17.46	-8.03	19.22	295					
15775	21.72	-7.94	23.13	290	16775	17.74	-7.50	19.26	293					
15800	21.60	-7.59	22.90	289	16800	17.28	-6.89	18.60	292					
15825	21.02	-7.55	22.33	290	16825	17.38	-6.59	18.58	291					
15850	21.29	-7.06	22.43	288	16850	17.09	-6.37	18.24	290					
15875	21.96	-7.18	23.10	288	16875	17.43	-6.28	18.53	290					
15900	21.73	-7.67	23.04	289	16900	17.69	-6.94	19.00	291					
15925	21.93	-8.19	23.41	290	16925	16.84	-7.70	18.51	294					
15950	21.77	-7.75	23.11	289	16950	16.97	-9.15	19.28	298					
15975	21.13	-7.15	22.31	289	16975	16.56	-9.85	19.27	301					
16000	21.13	-7.54	22.43	289										
16025	21.17	-7.93	22.61	290										
16050	21.10	-8.16	22.62	291										
16075	21.09	-8.02	22.57	291										
16100	20.81	-8.07	22.32	291										
16125	20.53	-7.63	21.90	290										
16150	20.73	-7.37	22.00	289										
16175	20.28	-7.55	21.64	290										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-7

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0866 01/12/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	1.06	9.95	10.00	186	1225	1.89	9.10	9.30	192	2225	4.29	2.49	4.96	240
250	1.18	9.58	9.65	187	1250	1.73	8.57	8.74	191	2250	4.03	2.54	4.77	238
275	1.06	9.89	9.94	186	1275	1.33	7.84	7.95	189	2275	4.02	2.80	4.90	235
300	1.05	9.92	9.98	186	1300	1.15	7.95	8.03	188	2300	3.97	3.19	5.09	231
325	1.04	9.79	9.85	186	1325	1.25	7.95	8.05	189	2325	4.04	3.83	5.57	226
350	0.89	9.95	9.99	185	1350	1.19	7.47	7.57	189	2350	4.22	4.71	6.32	222
375	0.91	9.65	9.69	185	1375	1.23	7.53	7.63	189	2375	4.48	5.73	7.27	218
400	1.06	9.98	10.03	186	1400	1.16	7.50	7.59	189	2400	4.92	6.56	8.21	217
425	1.22	9.97	10.04	187	1425	0.98	7.14	7.21	188	2425	5.16	7.07	8.76	216
450	1.10	9.61	9.68	186	1450	1.25	6.91	7.02	190	2450	5.08	7.19	8.80	215
475	1.21	10.13	10.21	187	1475	1.69	6.74	6.94	194	2475	5.28	7.44	9.12	215
500	1.52	10.31	10.42	188	1500	2.18	6.36	6.72	199	2500	5.28	7.62	9.27	215
525	1.42	9.87	9.97	188	1525	3.03	6.25	6.95	206	2525	5.05	7.47	9.02	214
550	1.55	10.13	10.24	189	1550	3.48	5.87	6.83	210	2550	5.06	7.48	9.03	214
575	1.65	10.20	10.33	189	1575	3.54	5.14	6.24	214	2575	5.04	7.57	9.09	213
600	1.46	9.60	9.71	188	1600	3.95	5.13	6.47	217	2600	5.41	7.90	9.58	214
625	1.58	10.02	10.15	189	1625	3.89	4.95	6.30	218	2625	6.00	8.24	10.19	216
650	1.47	10.33	10.44	188	1650	3.55	4.59	5.80	218	2650	6.33	8.49	10.59	217
675	1.38	9.88	9.97	188	1675	3.09	4.51	5.47	214	2675	6.39	8.77	10.86	216
700	1.47	10.52	10.62	188	1700	2.60	4.28	5.01	211	2700	6.64	9.53	11.61	215
725	1.41	10.91	11.00	187	1725	2.71	3.92	4.77	214	2725	6.49	9.82	11.77	213
750	1.51	10.72	10.82	188	1750	3.08	3.59	4.73	220	2750	6.25	9.70	11.54	213
775	1.40	11.57	11.66	187	1775	3.36	3.40	4.78	224	2775	6.59	9.98	11.96	213
800	1.38	11.92	12.00	186	1800	3.55	3.33	4.87	227	2800	6.70	10.04	12.07	214
825	1.22	11.48	11.54	186	1825	3.70	3.21	4.90	229	2825	7.06	10.71	12.82	213
850	0.80	10.91	10.94	184	1850	4.04	3.12	5.10	232	2850	7.21	11.19	13.31	213
875	0.80	10.68	10.71	184	1875	4.16	2.88	5.06	235	2875	6.73	11.36	13.21	210
900	0.82	10.30	10.33	184	1900	4.40	2.50	5.05	240	2900	6.66	11.86	13.60	209
925	0.86	9.58	9.61	185	1925	4.75	2.30	5.27	244	2925	6.74	11.87	13.65	209
950	0.90	9.27	9.32	185	1950	4.61	2.29	5.14	243	2950	6.58	11.46	13.22	210
975	0.89	9.28	9.32	185	1975	4.62	2.21	5.12	244	2975	7.02	11.64	13.59	211
1000	1.07	9.12	9.18	186	2000	4.62	2.12	5.09	245	3000	7.34	11.36	13.52	213
1025	1.10	9.07	9.13	187	2025	4.45	2.07	4.91	245	3025	7.33	10.72	12.98	214
1050	1.12	9.23	9.30	187	2050	4.79	2.10	5.23	246	3050	8.07	10.93	13.59	216
1075	1.20	9.09	9.17	187	2075	4.93	2.11	5.37	247	3075	8.41	10.62	13.55	218
1125	1.18	9.15	9.22	187	2125	5.02	1.73	5.31	251	3125	8.35	10.29	13.25	219
1150	1.42	9.42	9.53	188	2150	4.94	1.92	5.30	249	3150	7.95	9.72	12.56	219
1175	1.45	9.35	9.46	189	2175	4.66	2.00	5.07	247	3175	8.61	10.29	13.42	220
1200	1.76	9.30	9.46	191	2200	4.57	2.26	5.10	244	3200	8.64	10.19	13.36	220

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0866 01/12/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	8.41	10.06	13.12	220	4225	9.34	9.67	13.45	224	5225	14.94	8.47	17.17	240
3250	8.45	10.01	13.10	220	4250	9.39	9.03	13.03	226	5250	14.84	8.46	17.08	240
3275	8.07	9.65	12.58	220	4275	9.44	8.64	12.80	227	5275	14.70	8.28	16.87	240
3300	8.35	10.28	13.24	219	4300	9.31	8.16	12.38	229	5300	15.01	8.59	17.29	240
3325	8.41	10.18	13.20	219	4325	9.68	8.27	12.74	229	5325	15.37	9.12	17.88	239
3350	8.09	9.84	12.74	219	4350	9.90	8.49	13.04	229	5350	15.52	9.44	18.16	238
3375	8.11	10.44	13.22	218	4375	9.47	7.95	12.36	230	5375	15.52	9.26	18.07	239
3400	7.86	10.20	12.88	217	4400	9.57	8.06	12.51	230	5400	15.58	8.97	17.98	240
3425	7.69	9.90	12.54	218	4425	9.68	8.51	12.89	228	5425	15.72	8.96	18.09	240
3450	7.77	10.45	13.02	216	4450	10.08	9.15	13.62	228	5450	15.49	8.79	17.81	240
3475	7.75	10.66	13.18	216	4475	10.21	8.88	13.53	229	5475	15.45	8.61	17.68	241
3500	7.72	10.66	13.16	216	4500	9.80	8.19	12.78	230	5500	15.60	8.48	17.76	241
3525	7.55	10.71	13.11	215	4525	9.52	7.90	12.37	230	5525	15.21	8.24	17.30	241
3550	7.59	11.15	13.49	214	4550	9.15	7.73	11.98	230	5550	15.71	8.43	17.82	242
3575	7.72	11.20	13.60	214	4575	8.83	7.65	11.68	229	5575	16.17	8.49	18.26	242
3600	7.80	10.73	13.26	216	4600	8.44	7.51	11.29	228	5600	15.28	8.04	17.27	242
3625	7.80	10.81	13.33	216	4625	7.86	7.45	10.83	226	5625	15.85	8.36	17.92	242
3650	8.28	11.52	14.19	216	4650	7.70	7.27	10.59	226	5650	16.19	8.54	18.30	242
3675	8.71	11.66	14.56	217	4675	8.04	6.86	10.57	229	5675	15.40	8.19	17.44	242
3700	8.72	11.61	14.52	217	4700	8.88	6.69	11.11	233	5700	15.56	8.24	17.61	242
3725	8.75	11.54	14.48	217	4725	9.63	6.48	11.61	236	5725	16.00	8.49	18.11	242
3750	8.79	11.12	14.18	218	4750	9.96	6.11	11.69	238	5750	16.11	8.55	18.24	242
3775	8.93	11.17	14.30	218	4775	10.44	6.17	12.13	239	5775	16.07	8.35	18.11	242
3800	9.12	11.73	14.86	218	4800	10.94	6.31	12.63	240	5800	16.28	8.08	18.17	243
3825	8.91	11.43	14.49	218	4825	11.44	6.08	12.95	242	5825	16.61	7.97	18.42	244
3850	8.90	11.19	14.29	218	4850	11.60	5.77	12.96	243	5850	16.71	8.00	18.52	244
3875	8.96	11.36	14.47	218	4875	12.23	5.78	13.53	245	5875	16.69	7.91	18.47	244
3900	8.48	10.72	13.67	218	4900	12.84	6.05	14.19	245	5900	16.74	7.63	18.40	245
3925	8.22	10.40	13.26	218	4925	12.86	6.43	14.38	243	5925	16.95	7.40	18.49	246
3950	8.46	10.91	13.81	218	4950	13.40	7.14	15.18	242	5950	17.19	7.42	18.72	246
3975	8.46	11.12	13.97	217	4975	14.03	7.64	15.97	241	5975	17.37	7.55	18.94	246
4000	8.11	10.67	13.40	217	5000	14.21	7.64	16.13	242	6000	17.37	7.42	18.89	247
4025	8.13	10.45	13.24	218	5025	14.28	7.56	16.16	242	6025	17.48	7.21	18.91	247
4050	8.49	10.88	13.80	218	5050	14.35	7.47	16.18	242	6050	17.60	6.89	18.90	248
4075	8.38	11.08	13.89	217	5075	14.07	7.33	15.87	242	6075	17.54	6.49	18.70	250
4100	8.14	10.43	13.23	218	5100	14.30	7.76	16.28	241	6100	17.29	6.21	18.37	250
4125	8.74	10.18	13.41	220	5125	14.90	8.16	16.98	241	6125	16.73	6.13	17.82	250
4150	9.15	9.98	13.54	222	5150	15.05	8.10	17.09	242	6150	16.40	6.01	17.47	250
4175	9.31	10.18	13.79	222	5175	15.05	8.14	17.11	241	6175	16.33	5.93	17.37	250
4200	9.38	10.22	13.87	222	5200	14.98	8.32	17.14	241	6200	16.45	6.26	17.60	249

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-7 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0866 01/12/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	16.46	6.63	17.75	248	7225	13.52	7.19	15.31	242	8225	18.92	5.02	19.57	255
6250	16.14	6.88	17.55	247	7250	13.34	7.29	15.20	241	8250	19.19	5.12	19.86	255
6275	15.86	7.06	17.35	246	7275	13.89	7.46	15.77	242	8275	19.09	5.02	19.74	255
6300	15.71	7.12	17.25	245	7300	13.64	7.16	15.41	242	8300	19.09	4.93	19.71	255
6325	15.71	7.21	17.28	245	7325	13.49	7.13	15.25	242	8325	19.28	5.01	19.92	255
6350	15.72	7.29	17.33	245	7350	13.98	7.35	15.80	242	8350	19.30	5.13	19.97	255
6375	15.57	7.33	17.21	245	7375	13.92	7.16	15.66	243	8375	19.09	5.18	19.78	255
6400	15.39	7.13	16.96	245	7400	13.98	6.96	15.62	243	8400	18.43	5.08	19.11	254
6425	15.32	6.79	16.75	246	7425	13.65	6.65	15.19	244	8425	18.75	5.12	19.43	255
6450	15.42	6.48	16.73	247	7450	13.67	6.59	15.17	244	8450	18.70	5.00	19.36	255
6475	15.22	5.93	16.33	249	7475	13.73	6.62	15.25	244	8475	18.63	5.23	19.35	254
6500	15.67	5.67	16.66	250	7500	13.63	6.50	15.10	244	8500	18.41	5.18	19.12	254
6525	15.68	5.49	16.62	251	7525	13.68	6.53	15.16	244	8525	18.39	5.29	19.14	254
6550	14.81	5.20	15.69	250	7550	13.54	6.47	15.00	244	8550	18.53	5.64	19.37	253
6575	14.49	5.30	15.43	250	7575	14.25	6.86	15.81	244	8575	17.37	5.35	18.18	253
6600	14.38	5.41	15.36	249	7600	14.67	7.20	16.34	244	8600	16.24	5.01	17.00	253
6625	14.68	5.77	15.77	248	7625	14.23	7.00	15.86	244	8625	16.49	5.15	17.28	252
6650	14.48	5.87	15.63	248	7650	14.26	6.85	15.82	244	8650	16.62	5.02	17.36	253
6675	13.90	5.97	15.13	247	7675	14.72	6.91	16.26	245	8675	16.18	4.35	16.75	255
6700	14.02	6.21	15.34	246	7700	14.54	6.75	16.03	245	8700	17.14	4.14	17.63	256
6725	13.93	6.15	15.23	246	7725	14.04	6.37	15.41	245	8725	17.32	3.96	17.77	257
6750	13.91	5.91	15.11	247	7750	14.98	6.56	16.35	246	8750	17.06	3.70	17.46	258
6775	14.22	5.57	15.27	248	7775	15.28	6.19	16.48	248	8775	17.01	3.47	17.36	258
6800	14.28	5.29	15.23	249	7800	15.67	5.66	16.66	250	8800	16.82	3.06	17.09	260
6825	14.12	5.31	15.09	249	7825	16.58	5.61	17.51	251	8825	16.89	2.87	17.13	260
6850	13.92	5.37	14.92	249	7850	16.56	5.63	17.49	251	8850	16.97	3.04	17.24	260
6875	13.89	5.44	14.92	248	7875	16.41	5.81	17.41	250	8875	17.60	3.37	17.92	259
6900	13.62	5.51	14.69	248	7900	16.87	5.95	17.88	250	8900	17.79	3.66	18.16	258
6925	13.45	5.75	14.63	247	7925	17.02	5.65	17.93	251	8925	17.21	3.79	17.62	257
6950	13.65	6.15	14.97	246	7950	16.97	5.40	17.81	252	8950	16.85	4.02	17.32	256
6975	13.60	6.19	14.94	245	7975	18.16	5.56	19.00	253	8975	16.76	4.18	17.27	256
7000	13.56	6.13	14.88	245	8000	18.93	5.42	19.69	254	9000	16.84	4.13	17.34	256
7025	13.44	6.25	14.82	245	8025	19.18	5.19	19.87	255	9025	17.23	4.24	17.75	256
7050	13.27	6.37	14.72	244	8050	19.33	5.22	20.02	255	9050	17.27	4.50	17.85	255
7075	13.25	6.57	14.79	243	8075	19.26	5.31	19.97	254	9075	16.43	4.69	17.09	254
7100	13.19	6.78	14.83	243	8100	19.34	5.42	20.08	254	9100	16.07	5.13	16.87	252
7125	12.85	6.80	14.54	242	8125	19.46	5.49	20.22	254	9125	16.26	5.41	17.14	251
7150	12.94	7.08	14.74	241	8150	19.26	5.28	19.97	254	9150	16.43	5.55	17.35	251
7175	13.29	7.31	15.17	241	8175	19.12	5.18	19.81	255	9175	16.53	5.76	17.51	251
7200	13.48	7.25	15.30	242	8200	18.89	5.14	19.58	255	9200	16.83	6.05	17.88	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0866 01/12/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	16.69	6.03	17.74	250	10225	18.38	3.82	18.78	258	11225	31.04	6.45	31.70	258
9250	16.19	5.66	17.15	251	10250	18.47	3.40	18.78	259	11250	31.87	6.46	32.52	258
9275	16.19	5.29	17.03	252	10275	18.89	3.05	19.13	261	11275	32.37	6.72	33.06	258
9300	16.49	4.97	17.22	253	10300	19.25	2.82	19.45	261	11300	32.10	6.73	32.80	258
9325	16.89	4.71	17.54	254	10325	18.95	2.64	19.13	262	11325	32.61	6.89	33.33	258
9350	17.03	4.40	17.59	255	10350	18.35	2.26	18.49	263	11350	33.76	7.27	34.53	258
9375	17.12	4.29	17.65	256	10375	19.06	2.22	19.19	263	11375	34.03	7.77	34.91	257
9400	17.06	4.34	17.60	256	10400	19.44	2.26	19.57	263	11400	34.25	8.06	35.18	257
9425	16.65	4.24	17.18	256	10425	18.14	2.10	18.26	263	11425	34.48	8.08	35.41	257
9450	17.31	4.42	17.87	255	10450	18.48	2.35	18.63	263	11450	35.27	8.48	36.27	256
9475	17.57	4.44	18.13	256	10475	18.76	2.61	18.94	262	11475	35.82	8.70	36.86	256
9500	17.12	4.09	17.60	256	10500	18.56	2.83	18.77	261	11500	36.06	8.87	37.13	256
9525	17.26	4.21	17.77	256	10525	18.32	2.81	18.53	261	11525	36.39	9.24	37.54	256
9550	17.17	4.33	17.71	256	10550	18.54	2.92	18.77	261	11550	36.81	9.51	38.02	255
9575	17.10	4.23	17.62	256	10575	18.80	2.95	19.03	261	11575	36.53	9.43	37.73	255
9600	17.21	4.12	17.70	256	10600	18.40	2.73	18.60	261	11600	37.06	9.36	38.22	256
9625	17.33	3.98	17.79	257	10625	18.66	2.74	18.86	261	11625	37.17	8.91	38.22	256
9650	17.34	3.93	17.78	257	10650	18.23	2.71	18.43	261	11650	36.92	8.35	37.85	257
9675	17.66	3.82	18.07	258	10675	18.13	3.15	18.40	260	11675	37.88	8.08	38.73	258
9700	18.06	3.79	18.45	258	10700	18.65	3.67	19.01	259	11700	37.54	7.60	38.30	258
9725	17.88	3.86	18.30	258	10725	17.98	3.37	18.30	259	11725	37.08	7.17	37.77	259
9750	17.55	3.56	17.91	258	10750	17.72	3.09	17.99	260	11750	37.87	7.02	38.52	259
9775	17.95	3.21	18.23	260	10775	17.88	3.38	18.19	259	11775	38.10	6.88	38.72	260
9800	18.18	2.99	18.42	260	10800	17.41	3.63	17.79	258	11800	36.96	6.17	37.48	260
9825	18.01	2.79	18.22	261	10825	17.24	3.74	17.64	258	11825	36.78	5.79	37.24	261
9850	17.40	2.61	17.59	261	10850	17.23	3.67	17.61	258	11850	36.46	5.47	36.87	261
9875	17.38	2.59	17.57	261	10875	17.01	3.33	17.33	259	11875	35.56	4.86	35.89	262
9900	17.97	2.62	18.16	262	10900	18.87	2.93	19.10	261	11900	36.53	4.67	36.83	263
9925	18.72	2.54	18.89	262	10925	20.39	2.58	20.55	263	11925	37.00	4.30	37.25	263
9950	18.49	2.31	18.64	263	10950	20.48	2.87	20.68	262	11950	36.72	3.83	36.92	264
9975	17.92	1.98	18.02	264	10975	22.09	4.16	22.48	259	11975	36.36	3.39	36.52	264
10000	18.96	2.08	19.08	264	11000	23.47	4.83	23.96	258	12000	35.50	2.87	35.62	265
10025	19.06	2.39	19.21	263	11025	24.56	5.22	25.11	258	12025	35.79	2.41	35.87	266
10050	18.30	2.51	18.47	262	11050	25.14	5.90	25.83	257	12050	36.73	1.96	36.78	267
10075	18.04	2.87	18.27	261	11075	25.71	6.45	26.51	256	12075	36.26	1.39	36.29	268
10100	18.41	3.29	18.70	260	11100	26.22	6.74	27.07	255	12100	36.06	0.82	36.07	269
10125	18.70	3.49	19.02	259	11125	26.45	6.70	27.29	256	12125	36.30	0.33	36.30	269
10150	18.04	3.60	18.40	259	11150	27.66	6.48	28.40	257	12150	36.80	-0.07	36.80	270
10175	18.23	3.99	18.66	257	11175	29.00	6.54	29.73	257	12175	36.64	-0.32	36.64	270
10200	18.68	4.19	19.15	257	11200	30.03	6.58	30.74	257	12200	37.02	-0.56	37.02	271

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-7 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 0866 01/12/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	37.97	-1.04	37.98	271	13225	38.13	2.78	38.23	266	14225	28.18	5.24	28.66	259
12250	37.78	-1.50	37.81	272	13250	38.16	3.46	38.32	265	14250	27.81	5.36	28.32	259
12275	38.35	-1.82	38.40	273	13275	38.99	3.98	39.19	264	14275	27.34	5.48	27.88	258
12300	38.91	-2.06	38.96	273	13300	38.14	3.96	38.35	264	14300	27.05	5.37	27.57	259
12325	38.11	-2.05	38.16	273	13325	38.23	4.13	38.45	264	14325	26.93	5.55	27.49	258
12350	39.42	-2.26	39.48	273	13350	37.98	4.56	38.25	263	14350	26.67	5.63	27.25	258
12375	40.59	-2.49	40.66	273	13375	37.68	5.01	38.01	262	14375	26.79	6.11	27.48	257
12400	40.20	-2.74	40.30	274	13400	38.01	5.07	38.34	262	14400	26.90	6.22	27.61	257
12425	40.17	-2.88	40.27	274	13425	37.73	4.98	38.06	262	14425	26.24	6.38	27.00	256
12450	40.31	-2.82	40.41	274	13450	36.33	5.22	36.71	262	14450	25.54	7.01	26.49	254
12475	40.86	-2.75	40.95	274	13475	38.20	6.04	38.68	261	14475	25.48	7.51	26.57	253
12500	40.94	-2.58	41.02	273	13500	38.90	6.33	39.41	261	14500	25.70	8.10	26.95	252
12525	39.71	-2.35	39.78	273	13525	37.64	6.49	38.19	260	14525	25.02	8.80	26.53	250
12550	40.48	-2.07	40.53	273	13550	36.31	6.95	36.97	259	14550	24.29	9.30	26.01	249
12575	41.60	-2.17	41.66	273	13575	36.07	8.07	36.96	257	14575	23.31	9.47	25.16	248
12600	40.97	-1.94	41.01	273	13600	35.65	8.81	36.72	256	14600	23.36	9.89	25.37	247
12625	40.80	-1.58	40.83	272	13625	34.16	8.76	35.26	255	14625	23.20	10.54	25.48	245
12650	40.60	-1.33	40.62	272	13650	33.84	8.76	34.96	255	14650	22.25	11.06	24.85	243
12675	40.35	-1.37	40.37	272	13675	33.56	8.88	34.71	255	14675	22.12	11.80	25.07	242
12700	40.40	-1.46	40.42	272	13700	33.95	8.63	35.03	256	14700	21.99	12.37	25.23	240
12725	40.66	-1.08	40.67	271	13725	32.76	8.18	33.76	256	14725	21.44	12.47	24.80	240
12750	40.50	-0.81	40.51	271	13750	32.38	7.91	33.33	256	14750	21.29	12.86	24.87	239
12775	39.73	-0.68	39.74	271	13775	32.58	7.71	33.48	257	14775	20.97	13.09	24.72	238
12800	40.22	-0.30	40.22	270	13800	31.33	7.08	32.12	257	14800	21.37	13.47	25.27	238
12825	40.81	0.06	40.81	270	13825	31.20	6.90	31.95	257	14825	21.39	13.81	25.46	237
12850	39.83	0.07	39.83	270	13850	30.65	6.50	31.33	258	14850	19.81	14.05	24.29	234
12875	39.73	-0.01	39.73	270	13875	29.38	6.12	30.01	258	14875	20.22	15.07	25.22	233
12900	39.27	0.15	39.27	270	13900	29.58	5.79	30.15	259	14900	20.52	15.31	25.60	233
12925	39.83	0.39	39.83	269	13925	29.78	5.33	30.26	260	14925	19.53	14.58	24.37	233
12950	39.73	0.75	39.74	269	13950	28.78	5.02	29.21	260	14950	20.36	15.12	25.35	233
12975	38.49	0.94	38.51	268	13975	28.30	5.00	28.74	260	14975	20.69	15.17	25.65	234
13000	40.52	1.67	40.55	267	14000	28.71	5.16	29.17	260	15000	20.81	14.65	25.45	235
13025	39.85	2.00	39.90	267	14025	28.32	5.09	28.77	260	15025	21.41	14.82	26.04	235
13050	39.36	1.84	39.41	267	14050	28.27	5.29	28.76	259	15050	21.52	14.38	25.88	236
13075	40.68	1.92	40.73	267	14075	28.68	5.43	29.19	259	15075	21.62	13.90	25.70	237
13100	39.35	2.03	39.40	267	14100	27.87	5.36	28.38	259	15100	22.12	14.14	26.25	237
13125	39.26	2.07	39.32	267	14125	27.54	5.28	28.04	259	15125	21.55	13.67	25.52	237
13150	38.46	2.08	38.51	267	14150	27.86	5.18	28.34	259	15150	21.59	13.70	25.57	237
13175	38.63	2.43	38.70	266	14175	28.44	5.24	28.92	259	15175	21.99	13.70	25.91	238
13200	39.81	2.73	39.91	266	14200	28.35	5.23	28.83	259	15200	21.91	13.40	25.68	238

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 0866 01/12/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	22.19	13.65	26.05	238	16225	16.05	12.76	20.50	231	17225	6.97	5.45	8.85	232
15250	21.91	13.30	25.63	239	16250	16.24	12.89	20.74	231	17250	6.96	4.49	8.28	237
15275	20.76	12.69	24.33	238	16275	15.92	12.25	20.09	232	17275	6.29	3.77	7.34	239
15300	20.55	12.44	24.02	239	16300	15.98	12.72	20.42	231	17300	6.02	4.02	7.24	236
15325	20.51	12.10	23.82	239	16325	16.05	12.98	20.64	231	17325	5.58	5.09	7.55	227
15350	19.59	11.73	22.84	239	16350	15.26	11.92	19.36	232	17350	4.74	6.05	7.68	218
15375	19.21	11.84	22.56	238	16375	14.79	11.18	18.54	233	17375	4.55	6.16	7.66	216
15400	17.99	12.15	21.70	236	16400	15.21	11.27	18.93	233	17400	4.11	6.84	7.98	211
15425	17.41	12.37	21.36	234	16425	15.33	11.58	19.21	233	17425	3.84	7.24	8.20	208
15450	17.37	13.28	21.86	232	16450	14.42	10.56	17.87	234	17450	3.62	7.33	8.17	206
15475	17.27	14.07	22.27	231	16475	14.36	10.07	17.54	235	17475	3.30	7.80	8.47	203
15500	16.38	13.58	21.28	230	16500	14.05	9.68	17.06	235	17500	3.67	8.52	9.28	203
15525	16.02	13.79	21.14	229	16525	13.80	9.44	16.72	235	17525	4.11	8.67	9.60	205
15550	15.89	15.39	22.12	226	16550	14.58	9.98	17.67	235	17550	4.02	8.96	9.82	204
15575	15.75	15.43	22.05	225	16575	14.24	9.20	16.95	237	17575	4.20	9.77	10.64	203
15600	15.34	15.59	21.87	224	16600	14.08	9.08	16.76	237	17600	4.43	10.72	11.60	202
15625	15.52	16.31	22.51	223	16625	13.62	7.52	15.56	241	17625	4.40	11.23	12.06	201
15650	15.56	16.62	22.77	223	16650	13.52	7.28	15.36	242	17650	3.89	11.45	12.09	199
15675	15.30	17.07	22.92	222	16675	13.11	6.61	14.68	243	17675	3.90	11.49	12.14	199
15700	15.60	16.97	23.05	222	16700	12.53	6.65	14.19	242	17700	4.44	11.85	12.65	200
15725	15.99	17.40	23.63	222	16725	11.94	6.54	13.62	241	17725	5.70	13.50	14.65	203
15750	16.04	18.54	24.52	221	16750	11.85	6.03	13.29	243	17750	6.82	15.02	16.50	204
15775	15.83	18.48	24.33	220	16775	11.55	6.07	13.05	242	17775	7.78	16.35	18.10	205
15800	15.79	18.65	24.44	220	16800	10.25	6.34	12.06	238	17800	8.38	16.07	18.12	207
15825	15.18	18.70	24.08	219	16825	9.82	6.37	11.71	237	17825	9.42	15.83	18.42	211
15850	15.52	19.28	24.75	219	16850	9.42	5.67	10.99	239	17850	10.22	15.18	18.30	214
15875	15.55	19.44	24.89	218	16875	9.45	5.45	10.90	240	17875	11.32	14.43	18.34	218
15900	14.40	18.55	23.48	218	16900	8.90	5.63	10.53	237	17900	12.22	13.99	18.58	221
15925	14.27	17.96	22.95	218	16925	7.95	6.07	10.00	232	17925	12.77	13.03	18.24	224
15950	14.51	17.35	22.61	220	16950	7.77	6.48	10.12	230	17950	13.62	12.45	18.45	227
15975	14.39	16.73	22.07	221	16975	7.18	6.88	9.94	226					
16000	14.97	17.41	22.96	221	17000	6.72	6.76	9.53	225					
16025	15.45	17.05	23.00	222	17025	6.11	7.22	9.46	220					
16050	15.24	15.89	22.02	224	17050	5.86	7.53	9.54	218					
16075	15.25	15.43	21.69	224	17075	5.33	8.12	9.72	213					
16100	15.14	15.30	21.52	225	17100	5.19	8.10	9.62	212					
16125	15.06	14.38	20.82	226	17125	6.17	8.23	10.28	217					
16150	15.56	14.28	21.12	227	17150	6.54	8.02	10.35	219					
16175	16.10	13.72	21.15	229	17175	6.44	6.80	9.36	223					
16200	15.53	12.92	20.20	230	17200	6.62	6.17	9.04	227					

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-8

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 163-03 01/13/65, 1826Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1900	8.33	-3.29	8.96	291	2900	10.51	-4.19	11.31	292	3900	9.57	-1.29	9.65	278
1925	8.34	-3.64	9.10	293	2925	9.70	-4.76	10.80	296	3925	9.80	-1.34	9.89	278
1950	8.61	-2.74	9.03	287	2950	9.25	-4.07	10.10	294	3950	10.12	-1.48	10.23	278
1975	8.81	-2.84	9.26	288	2975	9.28	-2.46	9.60	285	3975	10.40	-1.63	10.52	279
2000	8.96	-3.00	9.45	288	3000	9.64	-2.24	9.89	283	4000	10.87	-1.64	10.99	278
2025	8.92	-2.81	9.36	287	3025	9.78	-2.79	10.17	286	4025	11.37	-1.99	11.54	280
2050	8.86	-2.77	9.29	287	3050	9.03	-2.78	9.44	287	4050	11.63	-2.14	11.82	280
2075	8.95	-2.67	9.34	286	3075	8.54	-2.64	8.94	287	4075	11.59	-2.69	11.89	283
2100	9.21	-2.76	9.61	286	3100	7.95	-2.49	8.33	287	4100	11.57	-2.35	11.81	281
2125	9.17	-3.25	9.73	289	3125	7.37	-2.24	7.70	287	4125	11.51	-2.20	11.71	281
2150	9.11	-3.74	9.84	292	3150	7.04	-2.10	7.35	286	4150	11.25	-2.20	11.46	281
2175	9.31	-3.46	9.93	290	3175	6.98	-2.19	7.32	287	4175	11.23	-1.79	11.37	279
2200	9.13	-3.49	9.77	291	3200	7.00	-2.09	7.30	286	4200	11.30	-1.60	11.42	278
2225	9.19	-3.49	9.83	291	3225	7.13	-1.41	7.27	281	4225	11.51	-1.55	11.62	277
2250	9.34	-3.15	9.86	288	3250	7.16	-1.72	7.36	283	4250	11.97	-1.23	12.04	276
2275	9.36	-2.91	9.80	287	3275	7.11	-2.21	7.45	287	4275	12.65	-0.73	12.67	273
2300	9.51	-2.80	9.92	286	3300	7.67	-1.88	7.89	284	4300	13.20	-1.61	13.30	277
2325	9.55	-3.19	10.07	288	3325	8.05	-1.75	8.24	282	4325	13.40	-2.59	13.65	281
2350	9.54	-3.31	10.10	289	3350	8.58	-1.25	8.67	278	4350	13.44	-3.00	13.77	282
2375	9.36	-3.58	10.02	291	3375	8.83	-1.70	8.99	281	4375	13.36	-3.55	13.82	285
2400	9.33	-3.63	10.01	291	3400	8.67	-2.18	8.94	284	4400	13.32	-3.87	13.87	286
2425	9.37	-3.13	9.88	288	3425	9.28	-0.85	9.32	275	4425	13.34	-3.70	13.84	285
2450	9.38	-3.27	9.93	289	3450	9.06	-1.03	9.12	276	4450	13.36	-3.24	13.75	283
2475	9.31	-3.35	9.90	290	3475	8.48	-1.37	8.59	279	4475	13.64	-2.82	13.93	281
2500	9.27	-2.99	9.74	288	3500	8.39	-0.71	8.42	275	4500	13.78	-2.61	14.02	281
2525	9.39	-2.82	9.81	287	3525	8.27	-1.05	8.34	277	4525	13.95	-2.54	14.18	280
2550	9.47	-3.04	9.94	288	3550	8.13	-1.46	8.26	280	4550	14.04	-2.30	14.23	279
2575	9.55	-3.15	10.06	288	3575	8.07	-1.21	8.16	278	4575	14.01	-2.08	14.16	278
2600	9.71	-3.18	10.22	288	3600	8.15	-1.27	8.25	279	4600	14.06	-1.54	14.14	276
2625	9.72	-3.16	10.22	288	3625	8.19	-0.89	8.24	276	4625	14.11	-1.01	14.15	274
2650	9.45	-3.16	9.97	288	3650	8.32	-0.70	8.35	275	4650	14.40	-0.86	14.43	273
2675	9.56	-3.38	10.14	289	3675	8.36	-0.94	8.41	276	4675	14.52	-0.86	14.54	273
2700	10.15	-3.38	10.70	288	3700	8.42	-0.95	8.47	276	4700	14.47	-0.63	14.48	272
2725	10.66	-3.33	11.17	287	3725	8.52	-1.13	8.59	277	4725	14.44	-0.34	14.44	271
2750	11.05	-3.56	11.61	288	3750	8.61	-0.92	8.66	276	4750	14.00	-0.13	14.00	270
2775	11.04	-4.33	11.86	291	3775	8.53	-1.10	8.60	277	4775	13.66	0.19	13.66	269
2800	10.99	-4.72	11.96	293	3800	8.61	-1.44	8.73	279	4800	13.45	0.26	13.45	269
2825	11.23	-4.61	12.14	292	3825	8.84	-0.96	8.90	276	4825	13.29	0.02	13.29	270
2850	11.38	-4.81	12.36	293	3850	8.96	-1.13	9.03	277	4850	13.12	-0.27	13.12	271
2875	11.10	-4.70	12.05	293	3875	9.33	-1.12	9.40	277	4875	12.66	-0.41	12.66	272

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 163-03 01/13/65, 1826Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4900	12.21	-0.51	12.22	272	5900	11.99	-2.89	12.34	283	6900	16.43	-5.42	17.30	288
4925	11.34	-0.04	11.34	270	5925	12.18	-2.99	12.54	284	6925	16.65	-5.52	17.54	288
4950	10.98	0.19	10.98	269	5950	12.57	-3.34	13.01	285	6950	16.81	-5.89	17.82	289
4975	10.74	0.09	10.74	269	5975	12.89	-3.56	13.37	285	6975	17.26	-5.78	18.20	288
5000	10.57	0.15	10.57	269	6000	13.21	-3.53	13.67	285	7000	17.09	-5.56	17.98	288
5025	10.32	0.49	10.33	267	6025	13.62	-3.59	14.09	285	7025	16.77	-5.42	17.62	288
5050	10.14	0.51	10.15	267	6050	13.69	-3.83	14.21	285	7050	16.97	-5.28	17.77	287
5075	10.10	0.24	10.10	268	6075	13.81	-3.77	14.31	285	7075	16.85	-5.16	17.62	287
5100	9.86	-0.03	9.86	270	6100	14.20	-3.64	14.66	284	7100	16.79	-5.25	17.59	287
5125	9.69	-0.38	9.70	272	6125	14.18	-4.05	14.74	286	7125	16.94	-5.17	17.72	287
5150	9.59	-0.59	9.61	273	6150	14.15	-4.19	14.75	286	7150	17.11	-5.26	17.90	287
5175	9.70	-0.70	9.73	274	6175	14.36	-4.00	14.90	285	7175	17.03	-5.32	17.84	287
5200	9.67	-1.53	9.79	279	6200	14.51	-3.90	15.02	285	7200	16.93	-5.27	17.73	287
5225	9.56	-2.21	9.81	283	6225	14.59	-3.92	15.10	285	7225	16.76	-5.16	17.53	287
5250	9.83	-2.50	10.14	284	6250	14.61	-4.11	15.18	286	7250	16.60	-5.13	17.37	287
5275	10.14	-2.76	10.51	285	6275	14.64	-4.11	15.20	285	7275	16.52	-5.00	17.26	287
5300	10.32	-2.78	10.69	285	6300	14.75	-3.94	15.27	285	7300	16.53	-4.59	17.16	285
5325	10.21	-2.83	10.59	285	6325	15.22	-3.95	15.72	284	7325	16.36	-4.52	16.97	285
5350	10.08	-2.74	10.45	285	6350	15.38	-4.04	15.90	285	7350	16.12	-4.59	16.76	286
5375	10.12	-2.95	10.54	286	6375	15.34	-4.21	15.91	285	7375	16.08	-4.52	16.70	286
5400	10.36	-2.85	10.74	285	6400	15.13	-3.94	15.64	284	7400	16.03	-4.03	16.52	284
5425	10.29	-2.89	10.69	286	6425	15.38	-3.93	15.88	284	7425	15.96	-3.87	16.42	283
5450	10.27	-3.06	10.72	286	6450	15.72	-4.37	16.32	285	7450	15.87	-3.90	16.34	284
5475	10.61	-3.05	11.04	286	6475	15.50	-4.54	16.15	286	7475	16.16	-3.64	16.57	283
5500	10.81	-3.26	11.29	287	6500	15.77	-4.61	16.43	286	7500	16.37	-3.56	16.76	282
5525	10.78	-2.98	11.18	285	6525	16.25	-4.72	16.92	286	7525	16.21	-3.79	16.65	283
5550	10.56	-2.66	10.89	284	6550	16.57	-4.77	17.24	286	7550	16.20	-3.81	16.64	283
5575	10.53	-2.31	10.78	282	6575	16.57	-4.62	17.20	285	7575	16.00	-3.37	16.35	282
5600	10.52	-2.22	10.76	282	6600	16.49	-4.74	17.16	286	7600	15.71	-3.03	16.00	281
5625	10.56	-2.31	10.81	282	6625	16.46	-4.94	17.19	287	7625	15.55	-2.96	15.83	281
5650	10.53	-2.56	10.83	283	6650	16.39	-5.39	17.26	288	7650	15.17	-3.03	15.47	281
5675	10.59	-2.43	10.87	283	6675	16.60	-5.95	17.63	290	7675	14.97	-2.46	15.17	279
5700	10.54	-2.61	10.86	284	6700	16.65	-5.90	17.67	289	7700	14.86	-2.46	15.06	279
5725	10.68	-2.88	11.06	285	6725	16.33	-5.82	17.33	289	7725	14.50	-2.78	14.76	281
5750	11.02	-2.63	11.33	283	6750	16.44	-5.68	17.39	289	7750	14.83	-2.25	15.00	278
5775	11.07	-2.68	11.39	283	6775	16.39	-5.76	17.37	289	7775	14.94	-2.13	15.09	278
5800	11.34	-2.72	11.66	283	6800	16.10	-5.82	17.12	290	7800	14.50	-1.85	14.62	277
5825	11.43	-2.86	11.78	284	6825	16.07	-5.54	17.00	289	7825	14.63	-1.62	14.72	276
5850	11.63	-2.76	11.95	283	6850	16.26	-5.62	17.20	289	7850	14.88	-1.53	14.96	276
5875	11.89	-2.70	12.19	283	6875	16.36	-5.77	17.34	289	7875	15.03	-1.42	15.10	275

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-8 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-03 01/13/65, 1826Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7900	15.24	-1.56	15.32	276	8900	18.88	-2.47	19.04	277	9900	20.38	0.43	20.38	269
7925	15.35	-1.61	15.43	276	8925	18.52	-2.29	18.66	277	9925	21.95	0.57	21.95	268
7950	15.20	-1.25	15.25	275	8950	18.55	-1.97	18.66	276	9950	22.67	0.23	22.67	269
7975	15.25	-0.90	15.28	273	8975	18.75	-1.85	18.84	275	9975	22.54	-0.12	22.54	270
8000	15.60	-0.80	15.62	273	9000	18.47	-1.51	18.53	274	10000	22.50	-0.52	22.50	271
8025	15.67	-0.76	15.69	273	9025	18.45	-1.18	18.48	273	10025	22.73	-0.57	22.73	271
8050	15.69	-0.79	15.71	273	9050	18.42	-1.25	18.46	274	10050	22.69	-0.50	22.70	271
8075	15.94	-0.68	15.95	272	9075	18.39	-1.07	18.42	273	10075	22.55	-0.56	22.56	271
8100	15.97	-0.52	15.98	272	9100	18.24	-0.58	18.25	272	10100	22.54	-0.30	22.54	271
8125	15.74	-0.49	15.75	272	9125	17.96	-0.34	17.97	271	10125	22.43	-0.20	22.43	270
8150	15.54	-0.55	15.55	272	9150	18.01	-0.41	18.01	271	10150	22.51	-0.55	22.52	271
8175	15.72	-0.31	15.72	271	9175	17.98	-0.38	17.98	271	10175	22.35	-0.67	22.36	272
8200	15.69	-0.53	15.70	272	9200	18.12	-0.27	18.12	271	10200	22.31	-0.71	22.32	272
8225	15.50	-0.89	15.53	273	9225	17.97	-0.20	17.97	270	10225	22.49	-0.48	22.50	271
8250	15.58	-0.84	15.61	273	9250	17.56	-0.13	17.56	270	10250	22.32	0.26	22.32	269
8275	15.83	-0.89	15.86	273	9275	17.58	-0.15	17.58	270	10275	22.01	0.81	22.02	268
8300	15.73	-0.92	15.76	273	9300	17.52	-0.13	17.52	270	10300	21.84	1.32	21.88	266
8325	15.46	-1.25	15.51	274	9325	17.71	-0.17	17.71	270	10325	21.89	1.75	21.96	265
8350	16.04	-1.17	16.08	274	9350	18.03	-0.32	18.03	271	10350	21.53	1.74	21.60	265
8375	16.40	-1.05	16.43	273	9375	18.13	-0.22	18.13	271	10375	20.78	1.64	20.85	265
8400	16.69	-1.23	16.74	274	9400	18.11	0.08	18.11	270	10400	20.66	1.72	20.73	265
8425	17.61	-1.43	17.67	274	9425	18.19	0.29	18.19	269	10425	20.40	1.90	20.49	264
8450	18.05	-1.67	18.13	275	9450	18.38	-0.03	18.38	270	10450	19.89	2.26	20.02	263
8475	18.42	-1.84	18.52	276	9475	18.40	-0.33	18.40	271	10475	19.72	2.50	19.88	263
8500	18.62	-2.02	18.73	276	9500	18.54	-0.01	18.54	270	10500	19.52	2.49	19.68	263
8525	18.45	-2.23	18.59	277	9525	18.59	0.08	18.59	270	10525	19.13	2.47	19.29	262
8550	18.55	-2.49	18.72	277	9550	18.50	-0.06	18.50	270	10550	18.99	2.71	19.18	262
8575	18.38	-2.57	18.56	278	9575	19.34	0.42	19.34	269	10575	18.89	2.86	19.11	261
8600	18.35	-2.54	18.53	278	9600	19.20	0.77	19.22	268	10600	18.86	2.86	19.07	261
8625	18.41	-2.61	18.60	278	9625	18.39	0.65	18.41	268	10625	19.31	2.67	19.49	262
8650	18.20	-2.75	18.40	278	9650	18.61	0.62	18.62	268	10650	19.70	2.31	19.83	263
8675	18.22	-2.54	18.40	278	9675	19.23	0.81	19.24	267	10675	19.59	1.81	19.67	265
8700	18.33	-2.33	18.48	277	9700	19.38	0.99	19.40	267	10700	19.79	1.94	19.89	264
8725	18.68	-2.29	18.82	277	9725	18.98	1.14	19.01	266	10725	20.53	2.26	20.65	264
8750	18.82	-2.23	18.95	277	9750	19.13	1.38	19.18	266	10750	20.93	2.46	21.07	263
8775	18.93	-2.34	19.10	278	9775	19.30	1.40	19.35	266	10775	20.95	2.57	21.10	263
8800	18.76	-2.60	18.94	278	9800	19.11	1.19	19.14	266	10800	20.67	2.27	20.80	264
8825	18.86	-2.51	19.03	277	9825	19.13	1.08	19.16	267	10825	20.68	2.38	20.82	263
8850	18.87	-2.54	19.04	277	9850	19.73	1.05	19.75	267	10850	21.20	2.53	21.35	263
8875	19.05	-2.54	19.21	277	9875	19.97	0.67	19.98	268	10875	21.01	2.58	21.17	263

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-03 01/13/65, 1826Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10900	20.15	2.71	20.33	262	11900	22.08	12.15	25.21	241	12900	19.84	4.14	20.26	258
10925	19.72	2.72	19.91	262	11925	22.14	12.98	25.66	239	12925	19.66	4.73	20.22	256
10950	19.30	3.22	19.56	260	11950	22.10	13.07	25.68	239	12950	20.17	5.87	21.01	254
10975	19.15	3.69	19.50	259	11975	21.43	12.75	24.94	239	12975	20.10	6.92	21.26	251
11000	18.75	3.77	19.12	258	12000	20.23	12.34	23.69	238	13000	20.99	7.18	22.18	251
11025	18.71	4.39	19.22	257	12025	20.55	12.71	24.16	238	13025	22.65	6.41	23.53	254
11050	18.93	4.71	19.51	256	12050	20.86	13.64	24.93	237	13050	22.74	5.90	23.49	255
11075	18.52	4.53	19.07	256	12075	20.13	14.28	24.68	234	13075	22.46	5.56	23.13	256
11100	18.03	4.92	18.69	255	12100	19.53	14.19	24.14	234	13100	22.88	4.71	23.36	258
11125	18.20	5.23	18.93	254	12125	19.68	14.41	24.39	234	13125	22.64	3.89	22.97	260
11150	17.95	5.48	18.77	253	12150	20.24	14.74	25.04	234	13150	21.85	3.17	22.08	262
11175	17.41	5.62	18.30	252	12175	21.31	14.25	25.63	236	13175	21.69	2.26	21.80	264
11200	17.39	5.86	18.35	251	12200	22.39	13.82	26.31	238	13200	21.59	1.62	21.65	266
11225	17.35	5.95	18.34	251	12225	23.37	13.84	27.16	239	13225	20.76	1.02	20.78	267
11250	17.51	5.69	18.42	252	12250	24.19	13.58	27.74	241	13250	20.07	1.02	20.10	267
11275	17.57	5.52	18.42	252	12275	23.95	12.76	27.14	242	13275	19.94	1.42	20.00	266
11300	17.68	5.78	18.60	252	12300	24.16	12.58	27.24	242	13300	20.52	1.86	20.61	265
11325	18.04	6.07	19.04	251	12325	26.07	12.97	29.12	243	13325	21.64	3.06	21.86	262
11350	18.46	6.11	19.45	251	12350	27.58	12.47	30.26	245	13350	21.82	4.05	22.20	259
11375	18.19	6.14	19.19	251	12375	26.57	10.98	28.75	247	13375	21.42	4.83	21.96	257
11400	17.52	6.46	18.67	250	12400	25.94	9.30	27.55	250	13400	20.78	5.49	21.49	255
11425	17.94	7.11	19.30	248	12425	26.73	8.51	28.05	252	13425	19.89	5.99	20.78	253
11450	18.39	7.56	19.88	247	12450	27.86	8.14	29.02	254	13450	19.70	6.18	20.64	252
11475	18.57	8.37	20.37	246	12475	28.07	7.54	29.07	255	13475	19.56	5.89	20.43	253
11500	19.03	9.01	21.05	244	12500	27.71	6.84	28.54	256	13500	19.42	5.45	20.17	254
11525	19.45	9.21	21.52	244	12525	27.49	6.18	28.17	257	13525	19.59	5.44	20.33	254
11550	19.91	9.21	21.94	245	12550	26.91	5.26	27.42	259	13550	19.68	5.65	20.47	254
11575	20.29	9.49	22.40	245	12575	26.98	4.87	27.42	260	13575	19.64	6.10	20.57	253
11600	20.24	9.94	22.55	244	12600	27.27	4.88	27.70	260	13600	19.70	6.16	20.64	252
11625	20.04	10.19	22.49	243	12625	26.40	4.65	26.81	260	13625	20.04	6.42	21.05	252
11650	20.69	10.59	23.25	243	12650	25.65	4.70	26.08	259	13650	19.81	6.62	20.89	251
11675	21.11	11.05	23.83	242	12675	25.33	4.65	25.76	259	13675	19.07	6.19	20.05	252
11700	21.28	11.07	23.98	242	12700	25.07	4.07	25.40	261	13700	18.67	6.19	19.67	251
11725	21.18	11.02	23.88	242	12725	24.35	3.37	24.58	262	13725	18.70	7.11	20.00	249
11750	20.69	11.03	23.45	242	12750	23.72	2.74	23.88	263	13750	18.92	7.72	20.43	248
11775	20.43	11.20	23.30	241	12775	23.14	2.03	23.23	265	13775	18.82	7.72	20.34	248
11800	20.55	11.22	23.41	241	12800	22.20	2.27	22.32	264	13800	18.91	7.40	20.31	248
11825	20.67	11.33	23.57	241	12825	21.41	2.71	21.58	263	13825	19.24	7.35	20.59	249
11850	21.14	11.33	23.99	242	12850	20.98	3.01	21.20	262	13850	19.25	7.34	20.60	249
11875	21.83	11.48	24.66	242	12875	20.25	3.55	20.56	260	13875	19.29	7.14	20.57	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-8 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-03 01/13/65, 1826Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13900	19.23	6.92	20.44	250										
13925	18.98	6.69	20.12	250										
13950	18.80	7.18	20.12	249										
13975	18.78	7.48	20.21	248										
14000	18.40	7.42	19.84	248										
14025	18.17	8.23	19.95	245										
14050	18.14	8.77	20.15	244										
14075	17.65	9.15	19.89	242										
14100	18.11	9.91	20.65	241										
14125	18.55	10.86	21.50	239										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-06 01/13/65, 2137Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
2600	1.11	-4.27	4.41	345	3600	10.48	-0.72	10.51	274	4600	11.43	0.73	11.46	266
2625	1.95	-5.38	5.73	340	3625	10.64	-0.79	10.67	274	4625	11.30	0.82	11.33	266
2650	9.73	-7.76	12.45	308	3650	10.83	-0.58	10.85	273	4650	11.18	1.24	11.25	263
2675	10.12	-7.80	12.77	307	3675	10.49	-0.62	10.50	273	4675	11.09	1.69	11.22	261
2700	10.88	-8.81	14.00	309	3700	10.46	0.01	10.46	270	4700	11.20	1.69	11.32	261
2725	10.90	-8.55	13.86	308	3725	10.43	-0.19	10.43	271	4725	10.86	1.91	11.02	260
2750	11.47	-8.35	14.19	306	3750	10.07	-0.59	10.09	273	4750	10.47	2.31	10.73	257
2775	12.34	-9.30	15.45	307	3775	10.40	-0.09	10.40	270	4775	10.27	2.36	10.54	257
2800	12.22	-9.60	15.54	308	3800	10.87	-0.00	10.87	270	4800	10.03	2.28	10.29	257
2825	12.27	-9.80	15.70	308	3825	10.77	-0.02	10.77	270	4825	9.72	2.15	9.96	257
2850	12.79	-9.20	15.76	306	3850	10.58	-0.37	10.59	272	4850	9.55	2.09	9.78	257
2875	12.38	-8.52	15.03	304	3875	10.99	-0.15	10.99	271	4875	9.68	1.96	9.88	258
2900	11.68	-8.89	14.68	307	3900	11.39	0.26	11.40	269	4900	9.68	1.58	9.81	261
2925	11.59	-8.21	14.20	305	3925	11.54	0.13	11.54	269	4925	9.77	1.29	9.86	262
2950	11.76	-8.13	14.30	304	3950	11.63	-0.34	11.64	271	4950	10.00	1.04	10.05	264
2975	11.53	-7.84	13.94	304	3975	11.56	-1.23	11.63	276	4975	10.12	0.74	10.15	266
3000	11.30	-7.20	13.40	302	4000	11.13	-1.74	11.26	279	5000	10.19	0.53	10.20	267
3025	11.15	-7.35	13.35	303	4025	11.25	-2.22	11.47	281	5025	10.35	0.59	10.36	267
3050	11.31	-7.30	13.46	303	4050	11.83	-1.74	11.96	278	5050	10.51	0.44	10.52	267
3075	11.37	-7.15	13.43	302	4075	12.08	-1.31	12.16	276	5075	10.69	0.03	10.69	270
3100	10.74	-7.22	12.95	304	4100	12.10	-1.49	12.19	277	5100	10.71	-0.28	10.71	271
3125	10.26	-6.58	12.19	302	4125	12.44	-0.74	12.46	273	5125	10.68	-0.40	10.69	272
3150	9.62	-5.66	11.16	300	4150	12.52	-1.17	12.57	275	5150	10.70	-0.71	10.73	274
3175	9.68	-6.07	11.42	302	4175	12.20	-2.18	12.39	280	5175	10.80	-0.86	10.84	274
3200	9.38	-5.33	10.79	299	4200	12.17	-2.40	12.40	281	5200	11.21	-0.60	11.23	273
3225	8.92	-4.37	9.93	296	4225	12.10	-2.52	12.36	282	5225	11.35	-0.72	11.37	273
3250	9.15	-4.10	10.02	294	4250	11.72	-3.17	12.14	285	5250	11.50	-1.03	11.55	275
3275	9.02	-3.81	9.79	293	4275	11.57	-2.97	11.95	284	5275	11.56	-1.33	11.64	276
3300	9.05	-3.86	9.84	293	4300	11.52	-2.53	11.79	282	5300	11.70	-1.68	11.82	278
3325	8.72	-3.55	9.41	292	4325	11.69	-2.14	11.89	280	5325	12.02	-1.88	12.16	279
3350	8.47	-3.29	9.09	291	4350	12.05	-1.52	12.15	277	5350	12.31	-2.07	12.48	279
3375	8.71	-3.14	9.26	290	4375	12.30	-1.71	12.42	278	5375	12.64	-2.31	12.85	280
3400	8.45	-3.02	8.97	289	4400	12.70	-1.36	12.78	276	5400	12.87	-2.68	13.15	282
3425	7.74	-2.88	8.26	290	4425	13.19	-0.84	13.22	273	5425	13.26	-2.54	13.51	281
3450	7.76	-1.74	7.95	282	4450	13.36	-0.37	13.36	271	5450	13.47	-2.04	13.62	278
3475	8.69	-1.27	8.78	278	4475	13.16	0.06	13.16	270	5475	13.26	-1.94	13.40	278
3500	9.48	-2.11	9.71	282	4500	13.08	0.08	13.08	269	5500	12.94	-1.75	13.06	278
3525	10.27	-1.61	10.39	279	4525	12.90	0.22	12.90	269	5525	12.91	-1.45	13.00	276
3550	10.34	-1.21	10.41	277	4550	12.51	0.46	12.52	268	5550	12.91	-1.33	12.98	276
3575	10.16	-0.95	10.20	275	4575	11.94	0.58	11.95	267	5575	12.81	-1.04	12.85	274

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-06 01/13/65, 2137Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
5600	12.60	-0.89	12.63	274	6600	17.44	-3.87	17.86	282	7600	21.43	-1.44	21.48	274
5625	12.83	-0.79	12.86	273	6625	17.60	-3.87	18.02	282	7625	21.34	-1.25	21.37	273
5650	12.94	-0.63	12.96	273	6650	17.65	-3.53	18.00	281	7650	21.39	-1.34	21.44	273
5675	12.89	-0.63	12.91	273	6675	17.84	-3.23	18.13	280	7675	21.28	-1.61	21.34	274
5700	13.13	-0.58	13.14	272	6700	17.85	-3.22	18.14	280	7700	21.01	-1.81	21.09	275
5725	13.17	-0.88	13.20	274	6725	17.73	-2.75	17.94	279	7725	21.15	-1.72	21.22	274
5750	13.22	-0.84	13.25	273	6750	17.54	-2.42	17.71	278	7750	21.23	-1.48	21.29	274
5775	13.31	-0.76	13.33	273	6775	17.27	-2.08	17.39	277	7775	20.96	-1.60	21.02	274
5800	13.53	-1.16	13.58	275	6800	17.14	-1.24	17.18	274	7800	20.78	-1.34	20.83	274
5825	13.94	-1.27	13.99	275	6825	17.26	-0.95	17.28	273	7825	20.89	-1.06	20.91	273
5850	14.07	-1.34	14.13	275	6850	17.29	-1.04	17.32	273	7850	20.76	-1.28	20.80	273
5875	14.07	-1.64	14.16	276	6875	17.53	-1.25	17.57	274	7875	20.63	-1.04	20.66	273
5900	14.03	-1.72	14.14	277	6900	18.00	-1.39	18.05	274	7900	20.61	-1.01	20.63	273
5925	14.10	-1.82	14.22	277	6925	18.05	-1.62	18.12	275	7925	20.28	-0.87	20.30	272
5950	14.30	-2.10	14.46	278	6950	18.13	-1.60	18.20	275	7950	19.86	-0.64	19.87	272
5975	14.68	-2.09	14.83	278	6975	18.28	-1.20	18.32	274	7975	19.80	-0.63	19.81	272
6000	14.99	-2.40	15.18	279	7000	18.28	-1.17	18.31	273	8000	19.75	-0.51	19.76	271
6025	15.05	-2.60	15.27	280	7025	18.36	-1.30	18.40	274	8025	19.53	-0.21	19.53	270
6050	15.20	-2.85	15.47	280	7050	18.69	-1.34	18.74	274	8050	19.37	-0.48	19.37	271
6075	15.59	-3.21	15.92	281	7075	18.95	-1.29	18.99	274	8075	19.74	-0.71	19.75	272
6100	15.88	-3.34	16.23	282	7100	19.16	-1.28	19.21	274	8100	20.16	-0.68	20.17	272
6125	16.12	-3.35	16.46	282	7125	19.61	-1.18	19.65	273	8125	20.00	-1.27	20.04	273
6150	16.50	-3.69	16.91	282	7150	20.19	-1.01	20.21	273	8150	20.05	-1.34	20.09	274
6175	16.61	-4.08	17.10	284	7175	20.02	-1.31	20.07	274	8175	20.14	-1.24	20.18	273
6200	16.65	-4.31	17.20	284	7200	19.74	-0.91	19.76	272	8200	20.63	-1.43	20.68	274
6225	16.67	-4.45	17.25	285	7225	19.78	-0.58	19.79	271	8225	20.85	-1.68	20.92	274
6250	16.37	-4.48	16.98	285	7250	19.82	-0.97	19.84	273	8250	20.69	-1.79	20.77	275
6275	16.16	-4.30	16.72	285	7275	20.28	-1.11	20.31	273	8275	20.71	-1.97	20.81	275
6300	16.22	-4.14	16.74	284	7300	20.71	-1.16	20.74	273	8300	20.74	-2.43	20.88	276
6325	16.43	-4.16	16.95	284	7325	20.85	-1.19	20.88	273	8325	21.10	-2.67	21.27	277
6350	16.74	-3.72	17.15	282	7350	21.22	-1.13	21.25	273	8350	21.20	-2.88	21.39	278
6375	16.90	-3.54	17.26	282	7375	21.12	-1.26	21.15	273	8375	21.52	-3.35	21.77	279
6400	17.06	-3.63	17.44	282	7400	20.85	-1.30	20.89	273	8400	21.95	-3.50	22.22	279
6425	17.15	-3.69	17.54	282	7425	20.97	-1.42	21.02	274	8425	22.21	-3.62	22.50	279
6450	17.51	-3.64	17.88	282	7450	20.87	-1.67	20.94	274	8450	22.46	-3.59	22.74	279
6475	17.71	-3.61	18.07	281	7475	20.79	-1.40	20.84	274	8475	22.54	-3.78	22.85	279
6500	17.31	-4.00	17.77	283	7500	20.88	-1.22	20.91	273	8500	22.45	-3.80	22.77	279
6525	17.20	-4.11	17.68	283	7525	20.95	-1.53	21.00	274	8525	22.26	-3.73	22.57	279
6550	17.38	-3.93	17.82	283	7550	21.13	-1.38	21.17	274	8550	22.41	-3.55	22.69	279
6575	17.23	-3.95	17.68	283	7575	21.36	-1.17	21.39	273	8575	22.57	-3.52	22.84	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-9 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-06 01/13/65, 2137Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
8600	22.51	-3.58	22.80	279	9600	21.17	-0.16	21.17	270	10600	27.00	0.31	27.00	269
8625	22.66	-3.46	22.93	279	9625	21.15	-0.28	21.15	271	10625	27.83	-0.13	27.83	270
8650	22.63	-3.53	22.90	279	9650	21.19	0.08	21.19	270	10650	27.50	-0.19	27.50	270
8675	22.52	-3.18	22.75	278	9675	21.03	0.92	21.05	267	10675	26.65	0.09	26.65	270
8700	22.52	-2.91	22.71	277	9700	20.65	1.14	20.69	267	10700	26.21	0.50	26.22	269
8725	22.27	-3.06	22.47	278	9725	20.45	1.34	20.49	266	10725	25.77	0.91	25.79	268
8750	21.77	-3.01	21.97	278	9750	20.58	1.64	20.64	265	10750	25.33	1.33	25.37	267
8775	21.59	-2.77	21.76	277	9775	20.34	2.38	20.48	263	10775	24.89	1.74	24.95	266
8800	21.42	-2.55	21.58	277	9800	20.24	2.97	20.45	261	10800	24.46	2.15	24.55	265
8825	21.18	-2.64	21.34	277	9825	20.34	3.28	20.60	261	10825	21.38	1.79	21.45	265
8850	20.94	-2.81	21.13	277	9850	20.27	3.51	20.57	260	10850	21.42	2.14	21.53	264
8875	21.09	-2.61	21.25	277	9875	20.46	3.61	20.78	260	10875	21.91	2.83	22.09	262
8900	21.07	-2.81	21.26	277	9900	20.66	3.75	21.00	260	10900	22.20	3.33	22.45	261
8925	21.18	-3.11	21.41	278	9925	20.84	3.80	21.18	259	10925	22.19	3.25	22.43	261
8950	21.15	-3.14	21.38	278	9950	21.21	3.70	21.53	260	10950	21.36	2.49	21.50	263
8975	21.09	-2.91	21.29	278	9975	21.63	3.46	21.90	261	10975	20.86	3.03	21.08	262
9000	21.45	-2.74	21.63	277	10000	21.72	2.94	21.92	262	11000	19.91	4.04	20.32	258
9025	21.45	-3.00	21.66	278	10025	21.37	2.65	21.54	263	11025	19.01	4.78	19.60	256
9050	21.39	-3.30	21.64	279	10050	21.21	2.83	21.40	262	11050	18.89	5.03	19.55	255
9075	21.51	-3.17	21.74	278	10075	21.45	3.08	21.67	262	11075	18.05	4.54	18.61	256
9100	21.60	-2.91	21.80	278	10100	21.71	3.27	21.95	261	11100	17.24	4.11	17.72	256
9125	21.62	-2.82	21.80	277	10125	21.62	3.21	21.86	261	11125	17.02	4.81	17.69	254
9150	21.58	-3.11	21.81	278	10150	21.44	3.26	21.69	261	11150	17.25	6.75	18.52	248
9175	21.77	-3.18	22.00	278	10175	21.64	3.27	21.89	261	11175	17.08	7.50	18.66	246
9200	22.15	-2.94	22.35	277	10200	21.82	3.25	22.06	261	11200	16.88	8.13	18.73	244
9225	22.22	-3.02	22.42	278	10225	22.18	3.65	22.48	260	11225	17.56	8.54	19.52	244
9250	22.26	-2.79	22.43	277	10250	22.30	3.75	22.61	260	11250	18.24	8.65	20.18	244
9275	22.32	-2.16	22.42	275	10275	22.31	3.53	22.59	261	11275	18.77	8.64	20.67	245
9300	22.05	-1.97	22.14	275	10300	22.61	3.24	22.84	262	11300	19.19	8.51	20.99	246
9325	22.05	-1.82	22.12	275	10325	22.67	3.06	22.88	262	11325	19.38	8.90	21.33	245
9350	22.85	-1.37	22.89	273	10350	22.77	3.07	22.98	262	11350	19.63	9.37	21.75	244
9375	23.18	-1.31	23.22	273	10375	23.28	3.05	23.48	262	11375	19.61	9.31	21.70	244
9400	22.83	-1.14	22.86	273	10400	23.72	2.75	23.88	263	11400	19.46	9.38	21.60	244
9425	22.41	-0.81	22.43	272	10425	24.17	2.48	24.30	264	11425	19.48	9.31	21.59	244
9450	21.85	-0.39	21.85	271	10450	24.89	2.43	25.01	264	11450	19.74	9.19	21.77	245
9475	21.73	-0.30	21.73	271	10475	25.51	2.01	25.59	265	11475	20.03	9.38	22.12	245
9500	21.71	-0.54	21.71	271	10500	25.97	1.92	26.04	266	11500	20.42	9.34	22.45	245
9525	21.39	-0.37	21.39	271	10525	26.01	1.58	26.06	266	11525	21.02	9.19	22.94	246
9550	21.28	-0.35	21.28	271	10550	25.77	0.98	25.79	268	11550	21.58	9.14	23.43	247
9575	21.22	-0.38	21.22	271	10575	26.59	0.74	26.60	268	11575	21.86	9.17	23.71	247

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-06 01/13/65, 2137Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
11600	22.38	9.16	24.18	248	12600	19.88	6.19	20.83	253	13600	18.03	7.04	19.36	248
11625	23.13	8.91	24.79	249	12625	20.07	5.87	20.91	254	13625	18.79	7.08	20.08	249
11650	24.63	8.51	26.06	251	12650	20.39	5.29	21.06	255	13650	19.42	7.32	20.76	249
11675	25.23	8.17	26.52	252	12675	19.99	4.73	20.54	257	13675	19.54	7.87	21.07	248
11700	26.99	8.15	28.20	253	12700	19.82	4.19	20.26	258	13700	19.72	8.49	21.48	247
11725	25.96	7.49	27.02	254	12725	19.97	3.60	20.29	260	13725	19.57	9.47	21.74	244
11750	23.97	6.58	24.85	254	12750	20.07	3.10	20.31	261	13750	18.98	9.94	21.43	242
11775	23.63	5.90	24.35	256	12775	20.30	2.92	20.51	262	13775	19.16	9.54	21.40	243
11800	24.22	5.42	24.82	257	12800	20.51	3.11	20.75	261	13800	18.63	10.87	21.57	240
11825	23.87	4.68	24.33	259	12825	20.73	2.90	20.93	262	13825	18.32	11.93	21.86	237
11850	23.31	4.19	23.69	260	12850	20.70	2.26	20.82	264	13850	18.29	12.38	22.09	236
11875	22.82	3.81	23.14	260	12875	20.60	1.43	20.65	266	13875	18.33	13.26	22.62	234
11900	22.37	3.29	22.61	261	12900	20.71	0.84	20.73	268	13900	19.84	13.40	23.95	236
11925	22.72	3.37	22.97	261	12925	20.71	0.70	20.72	268	13925	21.08	13.76	25.17	237
11950	23.23	3.27	23.45	262	12950	20.51	0.86	20.53	267	13950	21.15	13.29	24.97	238
11975	23.05	2.96	23.24	262	12975	20.62	1.14	20.65	267	13975	20.68	12.28	24.05	239
12000	21.94	2.80	22.12	263	13000	20.99	1.30	21.03	266	14000	20.70	12.09	23.97	240
12025	21.49	2.75	21.67	263	13025	21.37	1.64	21.44	265	14025	21.09	11.48	24.01	241
12050	21.64	3.25	21.88	261	13050	21.73	1.84	21.81	265	14050	21.88	11.50	24.72	242
12075	21.92	3.80	22.25	260	13075	21.91	2.34	22.04	264	14075	22.45	11.88	25.40	242
12100	21.75	4.30	22.17	259	13100	21.78	3.07	22.00	262	14100	22.66	11.53	25.42	243
12125	21.09	4.98	21.67	257	13125	20.90	3.54	21.20	260	14125	23.11	11.55	25.83	243
12150	20.76	5.48	21.47	255	13150	20.17	3.64	20.49	260	14150	23.91	11.40	26.49	244
12175	21.61	6.72	22.63	253	13175	19.67	3.38	19.96	260	14175	23.74	11.12	26.21	245
12200	22.35	7.91	23.71	250	13200	19.36	2.87	19.57	261	14200	22.69	11.12	25.27	244
12225	22.38	8.39	23.90	249	13225	19.27	2.97	19.49	261	14225	22.62	11.37	25.31	243
12250	22.70	9.05	24.44	248	13250	19.68	2.99	19.90	261	14250	22.05	11.13	24.70	243
12275	22.88	8.65	24.46	249	13275	20.34	2.67	20.52	262	14275	20.43	9.86	22.68	244
12300	22.40	7.80	23.72	251	13300	20.00	2.86	20.20	262	14300	21.33	11.42	24.20	242
12325	22.27	7.78	23.59	251	13325	18.95	3.43	19.26	260	14325	21.99	12.21	25.15	241
12350	22.23	7.64	23.51	251	13350	18.42	4.07	18.87	257	14350	21.35	12.18	24.58	240
12375	21.74	7.61	23.03	251	13375	18.29	4.32	18.79	257	14375	20.42	11.94	23.66	239
12400	21.15	7.23	22.35	251	13400	18.33	4.30	18.83	257	14400	21.35	11.48	24.24	242
12425	20.49	6.42	21.47	252	13425	18.43	4.32	18.93	257	14425	22.92	11.10	25.47	244
12450	20.33	6.03	21.21	253	13450	18.11	4.75	18.73	255	14450	23.86	11.67	26.56	244
12475	21.34	5.95	22.16	254	13475	17.65	5.21	18.40	253	14475	23.68	10.98	26.10	245
12500	22.35	5.69	23.06	256	13500	17.17	5.61	18.06	252	14500	23.69	10.50	25.91	246
12525	21.92	5.40	22.57	256	13525	16.81	6.00	17.85	250	14525	22.77	10.78	25.19	244
12550	20.84	5.59	21.58	255	13550	17.12	6.49	18.30	249	14550	21.53	10.29	23.86	244
12575	20.37	5.87	21.20	254	13575	17.43	6.90	18.74	248	14575	21.57	10.17	23.85	245

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-06 01/13/65, 2137Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
14600	21.84	10.20	24.10	245	15600	19.25	13.95	23.78	234					
14625	22.44	10.45	24.75	245	15625	19.42	13.85	23.85	234					
14650	22.24	10.40	24.56	245	15650	19.57	14.00	24.06	234					
14675	21.19	9.65	23.29	245	15675	20.37	13.92	24.67	235					
14700	22.16	10.56	24.55	244	15700	21.33	12.65	24.80	239					
14725	22.81	11.19	25.41	244	15725	21.80	11.77	24.77	241					
14750	22.59	10.70	24.99	244	15750	22.10	11.63	24.97	242					
14775	22.94	11.03	25.46	244	15775	22.75	10.27	24.96	246					
14800	23.01	11.40	25.68	243	15800	22.41	8.98	24.14	248					
14825	23.08	10.98	25.56	244	15825	21.94	8.90	23.67	248					
14850	23.67	10.87	26.05	245	15850	22.08	7.96	23.47	250					
14875	24.06	11.10	26.50	245	15875	22.29	8.46	23.84	249					
14900	24.18	10.82	26.49	246	15900	21.72	9.15	23.57	247					
14925	24.06	9.76	25.96	248	15925	20.32	9.72	22.53	244					
14950	24.09	9.00	25.71	249	15950	19.74	9.54	21.92	244					
14975	25.20	9.47	26.92	249	15975	18.83	9.92	21.28	242					
15000	26.05	10.52	28.10	248										
15025	23.99	10.11	26.04	247										
15050	21.86	9.99	24.03	245										
15075	20.55	10.42	23.04	243										
15100	20.25	11.01	23.05	241										
15125	20.31	11.43	23.31	240										
15150	20.04	11.53	23.12	240										
15175	19.81	12.44	23.39	238										
15200	18.90	12.91	22.88	235										
15225	18.47	13.32	22.78	234										
15250	18.56	14.24	23.39	232										
15275	19.21	14.74	24.21	232										
15300	20.30	16.14	25.94	231										
15325	19.09	15.65	24.68	230										
15350	17.82	14.91	23.23	230										
15375	18.31	15.07	23.72	230										
15400	18.49	14.64	23.59	231										
15425	18.63	13.96	23.28	233										
15450	19.33	13.75	23.73	234										
15475	19.02	13.43	23.29	235										
15500	18.19	12.99	22.36	234										
15525	18.05	12.31	21.85	236										
15550	18.48	12.05	22.06	237										
15575	18.69	13.22	22.89	235										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-10

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-09 01/14/65, 0040Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	11.55	-7.77	13.92	304	4225	11.55	-5.73	12.90	296	5225	11.59	1.64	11.71	262
3250	11.29	-7.14	13.36	302	4250	11.40	-5.81	12.79	297	5250	11.79	1.51	11.89	263
3275	10.36	-6.64	12.30	302	4275	11.05	-6.01	12.58	298	5275	11.85	1.36	11.93	263
3300	9.63	-6.02	11.36	302	4300	10.96	-5.92	12.46	298	5300	11.74	1.22	11.81	264
3325	8.91	-6.48	11.02	306	4325	10.81	-5.73	12.23	298	5325	11.77	1.30	11.84	264
3350	8.63	-5.86	10.43	304	4350	10.97	-5.60	12.31	297	5350	11.90	1.36	11.97	263
3375	8.51	-5.24	9.99	301	4375	11.22	-5.40	12.45	296	5375	11.93	1.52	12.02	263
3400	8.19	-5.72	9.99	305	4400	11.36	-4.87	12.36	293	5400	11.88	1.63	12.00	262
3425	8.27	-4.99	9.66	301	4425	11.41	-4.62	12.31	292	5425	11.90	1.54	12.00	262
3450	8.28	-4.09	9.23	296	4450	11.53	-4.09	12.23	289	5450	12.11	1.57	12.21	262
3475	7.75	-3.86	8.66	296	4475	11.73	-3.11	12.14	285	5475	12.10	1.26	12.17	264
3500	7.33	-3.55	8.14	296	4500	11.76	-2.74	12.07	283	5500	12.16	0.52	12.17	267
3525	7.25	-3.06	7.87	293	4525	11.87	-2.57	12.15	282	5525	12.56	0.21	12.56	269
3550	7.68	-3.00	8.24	291	4550	12.12	-1.81	12.26	278	5550	12.74	-0.18	12.74	271
3575	8.11	-3.02	8.65	290	4575	12.20	-1.45	12.29	277	5575	13.09	-0.70	13.11	273
3600	8.37	-3.18	8.96	291	4600	12.51	-1.48	12.59	277	5600	13.45	-0.71	13.47	273
3625	8.45	-3.68	9.22	293	4625	12.79	-1.29	12.86	276	5625	13.95	-0.70	13.97	273
3650	8.79	-4.35	9.81	296	4650	12.90	-1.09	12.95	275	5650	14.59	-0.47	14.60	272
3675	9.16	-5.29	10.58	300	4675	13.01	-1.12	13.06	275	5675	14.91	-0.57	14.92	272
3700	9.23	-6.38	11.22	304	4700	13.23	-1.08	13.28	274	5700	15.23	-0.47	15.24	272
3725	9.32	-6.28	11.23	304	4725	13.21	-0.60	13.22	272	5725	15.18	-0.12	15.18	270
3750	9.26	-6.15	11.11	303	4750	13.02	-0.29	13.02	271	5750	15.09	-0.07	15.09	270
3775	8.99	-6.59	11.15	306	4775	13.06	-0.10	13.06	270	5775	14.95	0.17	14.95	269
3800	8.92	-6.48	11.02	306	4800	12.93	-0.02	12.93	270	5800	14.66	0.44	14.67	268
3825	8.97	-7.13	11.46	308	4825	12.85	0.09	12.85	269	5825	14.43	0.63	14.45	267
3850	9.10	-7.09	11.54	308	4850	12.86	-0.11	12.86	270	5850	14.24	0.95	14.27	266
3875	9.08	-7.11	11.53	308	4875	12.70	-0.19	12.70	271	5875	13.86	1.52	13.95	264
3900	8.97	-7.66	11.80	310	4900	12.74	0.10	12.74	269	5900	13.80	1.86	13.93	262
3925	9.30	-7.78	12.13	310	4925	12.74	0.00	12.74	270	5925	14.08	1.83	14.20	262
3950	9.62	-7.51	12.20	308	4950	12.63	0.04	12.63	270	5950	14.24	1.73	14.35	263
3975	9.68	-7.44	12.21	307	4975	12.49	0.39	12.50	268	5975	14.28	1.46	14.35	264
4000	9.63	-7.33	12.10	307	5000	12.56	0.59	12.57	267	6000	14.53	1.71	14.63	263
4025	9.87	-7.35	12.31	306	5025	12.71	0.79	12.74	266	6025	14.98	2.04	15.12	262
4050	10.15	-7.24	12.47	305	5050	12.57	1.14	12.62	265	6050	15.16	1.72	15.26	263
4075	10.19	-7.21	12.48	305	5075	12.37	1.44	12.46	263	6075	15.07	1.60	15.16	264
4100	10.52	-7.17	12.73	304	5100	12.23	1.53	12.32	263	6100	15.10	1.75	15.20	263
4125	10.77	-6.60	12.63	301	5125	12.16	1.40	12.24	263	6125	15.34	1.72	15.44	263
4150	10.57	-6.71	12.52	302	5150	11.90	1.43	11.99	263	6150	15.45	1.62	15.53	264
4175	10.56	-7.05	12.70	304	5175	11.55	1.54	11.66	262	6175	15.37	1.50	15.44	264
4200	11.04	-6.62	12.88	301	5200	11.53	1.59	11.64	262	6200	15.60	1.18	15.64	265

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 163-09 01/14/65, 0040Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	15.83	0.86	15.85	267	7225	18.42	1.28	18.46	266	8225	24.26	-0.79	24.27	272
6250	16.03	0.57	16.04	268	7250	18.73	1.35	18.77	266	8250	24.30	0.14	24.30	269
6275	16.34	0.75	16.36	267	7275	18.92	1.24	18.96	266	8275	23.98	0.25	23.98	269
6300	16.32	0.87	16.35	267	7300	18.97	0.87	18.99	267	8300	23.80	-0.07	23.80	270
6325	16.12	0.90	16.15	267	7325	19.19	0.93	19.22	267	8325	21.72	0.06	21.72	270
6350	16.02	0.82	16.04	267	7350	19.45	1.28	19.49	266	8350	22.18	-0.08	22.18	270
6375	16.20	1.04	16.23	266	7375	19.73	0.95	19.75	267	8375	24.24	0.22	24.24	269
6400	16.34	1.36	16.40	265	7400	20.15	1.20	20.19	266	8400	23.40	0.26	23.40	269
6425	16.20	1.46	16.26	265	7425	20.25	1.44	20.30	266	8425	23.25	-0.11	23.25	270
6450	16.12	1.56	16.19	264	7450	20.31	1.07	20.34	267	8450	23.07	0.44	23.07	269
6475	16.09	1.60	16.17	264	7475	20.70	0.97	20.73	267	8475	23.27	0.91	23.29	268
6500	16.16	1.96	16.28	263	7500	20.84	0.76	20.86	268	8500	23.18	0.95	23.20	267
6525	16.04	2.04	16.17	263	7525	20.66	0.55	20.67	268	8525	23.12	0.73	23.13	268
6550	15.96	1.73	16.06	264	7550	20.80	0.86	20.82	267	8550	23.04	0.78	23.06	268
6575	16.19	1.54	16.26	264	7575	20.85	1.04	20.88	267	8575	23.02	1.17	23.05	267
6600	16.35	1.25	16.40	265	7600	20.78	1.04	20.81	267	8600	23.16	1.46	23.20	266
6625	16.49	1.08	16.52	266	7625	20.82	0.68	20.83	268	8625	23.08	1.55	23.14	266
6650	16.65	0.83	16.67	267	7650	20.98	0.54	20.98	268	8650	23.43	1.46	23.48	266
6675	16.33	0.80	16.35	267	7675	20.98	0.85	20.99	268	8675	23.89	1.60	23.94	266
6700	16.03	1.16	16.07	266	7700	20.84	0.78	20.85	268	8700	24.11	1.77	24.17	266
6725	15.89	1.56	15.97	264	7725	20.85	0.83	20.87	268	8725	24.30	1.95	24.37	265
6750	15.68	1.63	15.77	264	7750	20.82	0.91	20.84	267	8750	24.61	1.92	24.68	265
6775	15.72	1.51	15.79	264	7775	20.88	1.00	20.91	267	8775	24.78	1.76	24.85	266
6800	15.62	1.31	15.67	265	7800	20.93	0.70	20.95	268	8800	24.56	1.93	24.64	265
6825	15.81	1.56	15.89	264	7825	21.11	0.41	21.11	269	8825	24.17	1.74	24.24	266
6850	15.84	1.59	15.92	264	7850	21.35	0.48	21.36	269	8850	23.83	1.47	23.88	266
6875	15.67	1.29	15.72	265	7875	21.45	0.16	21.45	269	8875	23.70	1.66	23.75	266
6900	16.04	1.30	16.09	265	7900	21.70	-0.17	21.70	270	8900	23.50	1.54	23.55	266
6925	16.16	1.31	16.21	265	7925	22.14	-0.04	22.14	270	8925	23.21	1.44	23.26	266
6950	16.05	1.31	16.10	265	7950	22.62	-0.04	22.62	270	8950	22.91	1.60	22.97	266
6975	16.07	1.41	16.13	265	7975	23.20	-0.26	23.21	270	8975	23.28	1.39	23.32	266
7000	16.43	1.44	16.49	265	8000	23.67	-0.22	23.67	270	9000	23.27	1.36	23.31	266
7025	16.62	1.34	16.67	265	8025	24.32	-0.33	24.32	271	9025	22.92	1.38	22.96	266
7050	16.83	1.23	16.88	266	8050	24.81	-0.49	24.82	271	9050	22.88	1.15	22.91	267
7075	17.34	1.01	17.37	267	8075	24.68	-0.47	24.69	271	9075	22.95	1.14	22.98	267
7100	17.74	0.65	17.75	268	8100	24.61	-0.56	24.62	271	9100	22.71	1.25	22.74	267
7125	18.09	0.57	18.10	268	8125	24.63	-0.56	24.64	271	9125	22.54	1.34	22.58	266
7150	18.24	0.58	18.25	268	8150	24.69	-0.90	24.70	272	9150	22.63	1.40	22.67	266
7175	18.45	0.82	18.47	267	8175	24.68	-1.19	24.71	273	9175	22.73	1.27	22.77	267
7200	18.46	1.12	18.49	266	8200	24.28	-1.10	24.30	272	9200	22.78	0.78	22.79	268

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-10 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 163-09 01/14/65, 0040Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	22.65	0.28	22.65	269	10225	22.44	0.55	22.45	268	11225	22.69	4.35	23.10	259
9250	22.80	0.19	22.80	269	10250	22.42	0.65	22.43	268	11250	22.45	4.53	22.90	258
9275	23.21	-0.07	23.21	270	10275	22.57	0.41	22.58	269	11275	22.44	4.79	22.95	258
9300	23.28	-0.28	23.28	271	10300	22.80	0.17	22.80	269	11300	22.43	4.97	22.98	257
9325	23.12	-0.17	23.12	270	10325	22.94	-0.25	22.95	270	11325	22.13	5.59	22.82	256
9350	23.11	-0.06	23.11	270	10350	23.21	-0.54	23.21	271	11350	21.94	5.87	22.71	255
9375	22.93	-0.21	22.93	270	10375	23.58	-0.43	23.58	271	11375	21.78	5.97	22.58	254
9400	23.11	-0.60	23.12	271	10400	23.64	-0.51	23.64	271	11400	21.63	6.23	22.51	254
9425	23.22	-0.46	23.23	271	10425	23.67	-0.01	23.67	270	11425	21.50	6.38	22.42	253
9450	23.37	-0.54	23.38	271	10450	24.18	0.20	24.18	269	11450	21.37	6.77	22.42	252
9475	23.63	-0.72	23.64	272	10475	24.38	-0.12	24.38	270	11475	22.00	6.77	23.02	253
9500	23.32	-0.57	23.32	271	10500	24.26	-0.26	24.26	270	11500	22.14	6.72	23.14	253
9525	22.95	-0.71	22.96	272	10525	24.23	0.17	24.23	269	11525	22.04	6.87	23.09	253
9550	22.81	-0.66	22.82	271	10550	24.11	0.65	24.12	268	11550	22.46	6.56	23.40	254
9575	22.91	-0.86	22.93	272	10575	24.34	0.84	24.35	268	11575	22.84	6.12	23.65	255
9600	22.84	-1.19	22.87	273	10600	24.14	1.19	24.17	267	11600	23.21	5.51	23.85	256
9625	22.71	-0.96	22.73	272	10625	23.48	1.82	23.55	265	11625	23.38	5.55	24.03	256
9650	22.91	-0.93	22.92	272	10650	23.43	2.01	23.51	265	11650	23.30	5.65	23.98	256
9675	22.73	-0.65	22.74	271	10675	23.43	2.58	23.57	264	11675	22.92	5.58	23.59	256
9700	22.76	-0.09	22.76	270	10700	23.59	3.37	23.83	262	11700	22.59	6.05	23.39	255
9725	22.87	0.23	22.87	269	10725	23.69	3.31	23.92	262	11725	22.17	6.42	23.08	254
9750	22.65	0.56	22.66	268	10750	23.60	2.89	23.78	263	11750	21.43	7.07	22.57	252
9775	22.66	0.68	22.67	268	10775	23.28	3.08	23.48	262	11775	20.95	7.55	22.27	250
9800	23.06	0.78	23.07	268	10800	23.00	3.15	23.22	262	11800	20.46	8.04	21.98	248
9825	23.08	0.77	23.10	268	10825	22.94	3.03	23.14	262	11825	20.18	8.82	22.02	246
9850	23.14	0.52	23.15	269	10850	22.91	2.93	23.10	263	11850	20.05	9.35	22.13	245
9875	23.15	0.19	23.15	269	10875	22.92	3.23	23.15	262	11875	20.35	9.62	22.51	245
9900	22.80	0.52	22.81	269	10900	22.86	3.47	23.12	261	11900	21.00	9.17	22.92	246
9925	22.92	0.42	22.92	269	10925	22.59	3.42	22.85	261	11925	21.33	8.76	23.06	247
9950	22.93	-0.38	22.93	271	10950	22.58	3.36	22.82	261	11950	21.36	8.40	22.95	248
9975	22.49	-0.05	22.49	270	10975	22.57	3.42	22.83	261	11975	21.09	8.00	22.55	249
10000	22.71	0.26	22.71	269	11000	23.06	3.33	23.30	262	12000	21.21	7.74	22.58	250
10025	22.73	0.34	22.73	269	11025	24.17	3.11	24.37	262	12025	21.65	7.20	22.81	251
10050	22.65	0.25	22.65	269	11050	24.44	3.22	24.65	262	12050	21.56	6.85	22.62	252
10075	22.75	-0.01	22.75	270	11075	24.32	3.33	24.54	262	12075	21.49	6.60	22.48	253
10100	22.75	0.10	22.75	270	11100	23.85	3.66	24.12	261	12100	21.88	6.13	22.73	254
10125	22.77	0.26	22.78	269	11125	23.59	3.51	23.85	261	12125	22.26	6.13	23.09	254
10150	22.59	0.45	22.60	269	11150	23.34	3.62	23.62	261	12150	22.79	6.56	23.72	254
10175	22.62	0.32	22.62	269	11175	23.07	3.77	23.38	261	12175	23.54	6.55	24.43	254
10200	22.70	0.18	22.70	269	11200	22.90	4.03	23.25	260	12200	25.22	6.28	25.99	256

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 163-09 01/14/65, 0040Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	26.53	5.78	27.15	258	13225	20.37	6.89	21.50	251	14225	25.11	9.59	26.88	249
12250	27.01	4.74	27.43	260	13250	20.34	7.25	21.59	250	14250	25.02	9.24	26.67	250
12275	26.57	3.88	26.85	262	13275	20.37	7.83	21.82	249	14275	24.60	9.84	26.49	248
12300	26.17	3.16	26.36	263	13300	20.08	8.37	21.75	247	14300	24.03	10.13	26.08	247
12325	26.01	2.99	26.18	263	13325	19.55	8.77	21.42	246	14325	23.76	9.79	25.69	247
12350	25.72	2.93	25.89	263	13350	19.63	8.45	21.37	247	14350	23.19	9.97	25.24	247
12375	25.56	2.78	25.71	264	13375	19.92	8.18	21.54	247	14375	22.64	9.84	24.68	246
12400	25.06	2.40	25.18	264	13400	19.88	8.39	21.58	247	14400	22.28	9.70	24.30	246
12425	24.83	2.10	24.91	265	13425	19.16	9.46	21.36	244	14425	21.46	9.64	23.53	246
12450	24.77	1.89	24.84	265	13450	19.38	9.94	21.78	243	14450	21.96	9.90	24.09	246
12475	24.69	1.37	24.73	267	13475	19.64	9.77	21.94	243	14475	22.17	10.17	24.39	245
12500	24.61	0.53	24.62	269	13500	19.52	10.18	22.01	242	14500	22.37	10.15	24.57	245
12525	24.29	1.00	24.31	267	13525	19.52	10.43	22.13	242	14525	22.73	10.75	25.15	244
12550	23.99	2.56	24.13	264	13550	19.47	10.77	22.25	241	14550	22.88	10.78	25.29	245
12575	23.66	3.32	23.89	262	13575	19.20	11.07	22.16	240	14575	23.84	10.67	26.12	246
12600	23.09	4.16	23.46	260	13600	19.08	10.80	21.92	240					
12625	22.47	5.37	23.11	256	13625	19.42	10.84	22.24	241					
12650	21.84	5.85	22.61	255	13650	19.61	10.95	22.46	241					
12675	21.60	6.17	22.47	254	13675	20.01	10.76	22.72	242					
12700	21.05	6.60	22.06	252	13700	20.54	10.73	23.18	242					
12725	20.69	6.74	21.76	252	13725	20.99	10.41	23.43	243					
12750	20.53	7.13	21.74	251	13750	21.17	10.09	23.45	244					
12775	20.59	7.59	21.94	250	13775	22.43	10.41	24.73	245					
12800	20.70	7.50	22.02	250	13800	23.30	10.64	25.61	245					
12825	20.69	7.24	21.92	251	13825	22.74	11.31	25.40	243					
12850	20.98	6.86	22.08	252	13850	22.04	11.57	24.89	242					
12875	21.64	6.50	22.59	253	13875	21.38	11.68	24.37	241					
12900	22.38	6.99	23.45	252	13900	21.14	12.26	24.44	240					
12925	22.58	6.94	23.62	253	13925	20.48	12.88	24.20	238					
12950	22.13	6.41	23.04	254	13950	20.01	13.20	23.97	236					
12975	21.50	6.66	22.50	253	13975	19.88	12.98	23.74	237					
13000	21.65	6.64	22.64	253	14000	19.06	12.29	22.68	237					
13025	22.15	6.44	23.07	254	14025	20.57	12.15	23.89	239					
13050	22.45	6.01	23.24	255	14050	21.20	11.55	24.14	241					
13075	22.69	5.31	23.31	257	14075	22.07	10.52	24.45	244					
13100	22.80	5.15	23.37	257	14100	22.73	10.83	25.18	244					
13125	22.71	5.22	23.31	257	14125	23.31	10.93	25.75	245					
13150	22.11	5.50	22.79	256	14150	24.41	10.74	26.67	246					
13175	21.41	5.70	22.16	255	14175	24.65	10.31	26.72	247					
13200	20.78	6.21	21.69	253	14200	24.92	9.74	26.75	248					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-11

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0360 01/22/65, 0106Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
2775	8.19	-0.25	8.20	272	3775	8.41	0.35	8.42	267	4775	16.87	8.46	18.87	243
2800	8.03	0.27	8.03	268	3800	8.87	0.50	8.88	267	4800	16.37	8.18	18.30	243
2825	8.74	0.78	8.78	265	3825	8.95	0.54	8.97	266	4825	16.85	8.45	18.86	243
2850	9.19	1.27	9.28	262	3850	9.53	0.57	9.54	266	4850	16.72	8.68	18.84	242
2875	9.24	1.94	9.44	258	3875	9.97	0.55	9.99	267	4875	16.05	8.56	18.19	242
2900	9.40	2.06	9.63	257	3900	10.09	0.51	10.10	267	4900	16.61	8.87	18.83	242
2925	9.33	0.94	9.38	264	3925	10.73	0.59	10.75	267	4925	16.69	8.80	18.87	242
2950	9.13	-0.06	9.13	270	3950	11.13	0.55	11.15	267	4950	16.18	8.40	18.23	242
2975	8.64	-0.19	8.65	271	3975	11.22	0.48	11.23	267	4975	16.01	8.14	17.96	243
3000	8.69	-0.36	8.70	272	4000	11.42	0.69	11.44	266	5000	16.36	8.14	18.27	243
3025	8.69	-0.54	8.70	273	4025	11.95	1.20	12.01	264	5025	16.24	8.00	18.10	244
3050	8.56	-0.48	8.58	273	4050	12.07	1.73	12.19	262	5050	15.43	7.35	17.09	244
3075	8.75	-0.42	8.76	273	4075	12.13	2.42	12.37	259	5075	15.77	7.30	17.38	245
3100	8.80	-0.27	8.81	272	4100	11.99	2.99	12.36	256	5100	15.81	7.17	17.36	245
3125	8.76	0.04	8.76	270	4125	11.15	3.20	11.60	254	5125	15.07	6.52	16.42	246
3150	8.81	0.29	8.82	268	4150	11.52	4.03	12.20	251	5150	14.48	5.81	15.60	248
3175	8.81	0.54	8.82	266	4175	11.90	4.72	12.80	248	5175	14.80	5.43	15.77	250
3200	9.09	0.82	9.13	265	4200	11.63	5.01	12.66	247	5200	15.14	5.19	16.00	251
3225	9.17	0.94	9.22	264	4225	12.08	5.51	13.28	245	5225	15.15	4.71	15.87	253
3250	8.83	0.88	8.87	264	4250	12.00	5.67	13.27	245	5250	15.34	4.49	15.98	254
3275	8.47	0.69	8.50	265	4275	12.32	6.00	13.70	244	5275	16.00	4.47	16.61	254
3300	8.44	0.57	8.46	266	4300	12.88	6.40	14.38	243	5300	16.41	4.50	17.02	254
3325	8.91	0.47	8.92	267	4325	13.22	6.59	14.77	243	5325	16.17	4.41	16.76	255
3350	8.79	0.34	8.80	268	4350	13.49	6.60	15.02	244	5350	16.16	4.09	16.67	256
3375	8.67	0.44	8.68	267	4375	13.92	6.78	15.48	244	5375	16.09	3.55	16.48	257
3400	8.94	0.85	8.98	264	4400	14.47	7.14	16.14	244	5400	16.12	3.19	16.44	259
3425	8.81	0.97	8.86	264	4425	14.29	7.00	15.91	244	5425	16.78	3.02	17.05	260
3450	8.41	0.82	8.45	264	4450	15.14	7.52	16.91	243	5450	16.62	2.83	16.86	260
3475	8.02	0.33	8.03	267	4475	15.34	7.96	17.28	242	5475	15.99	2.71	16.22	260
3500	7.75	-0.28	7.75	272	4500	15.49	8.55	17.70	241	5500	15.84	2.50	16.04	261
3525	7.75	-0.68	7.78	275	4525	15.37	8.84	17.73	240	5525	15.95	2.28	16.11	262
3550	7.84	-0.97	7.90	277	4550	15.47	8.98	17.88	240	5550	15.78	2.31	15.95	261
3575	7.72	-1.16	7.80	278	4575	15.81	9.03	18.21	240	5575	15.36	2.40	15.55	261
3600	7.61	-1.39	7.73	280	4600	15.91	8.76	18.16	241	5600	15.23	2.53	15.44	260
3625	7.46	-1.50	7.61	281	4625	16.01	8.53	18.14	242	5625	15.03	2.69	15.26	260
3650	7.56	-1.52	7.71	281	4650	16.20	8.48	18.29	242	5650	14.86	2.84	15.13	259
3675	7.44	-1.43	7.58	281	4675	16.39	8.50	18.46	242	5675	14.73	2.90	15.01	259
3700	6.96	-0.90	7.01	277	4700	16.68	8.50	18.72	243	5700	14.61	2.96	14.90	258
3725	7.16	-0.28	7.16	272	4725	16.82	8.55	18.87	243	5725	14.37	3.24	14.73	257
3750	7.71	0.12	7.71	269	4750	16.70	8.39	18.69	243	5750	14.22	3.48	14.64	256

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0360 01/22/65, 0106Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
5775	14.67	3.67	15.13	256	6775	13.07	0.81	13.10	266	7775	18.22	0.80	18.24	267
5800	14.60	3.78	15.09	255	6800	13.17	1.28	13.23	264	7800	18.50	0.52	18.51	268
5825	14.03	3.75	14.52	255	6825	13.47	1.60	13.57	263	7825	18.60	0.46	18.61	268
5850	13.95	3.88	14.48	254	6850	13.51	1.93	13.65	262	7850	19.04	0.53	19.05	268
5875	13.85	4.05	14.43	254	6875	13.48	2.06	13.64	261	7875	18.91	0.46	18.92	268
5900	13.95	4.09	14.54	253	6900	13.56	2.00	13.71	261	7900	18.55	0.39	18.55	269
5925	14.17	4.05	14.74	254	6925	14.12	1.67	14.22	263	7925	18.74	0.36	18.74	269
5950	14.23	3.99	14.78	254	6950	14.29	1.18	14.34	265	7950	19.31	0.23	19.32	269
5975	14.08	3.87	14.60	254	6975	14.23	0.69	14.25	267	7975	19.63	0.24	19.63	269
6000	13.93	3.83	14.45	254	7000	14.69	0.34	14.69	269	8000	19.15	0.19	19.15	269
6025	14.51	4.13	15.09	254	7025	14.89	0.28	14.90	269	8025	19.03	-0.00	19.03	270
6050	14.31	4.03	14.87	254	7050	15.00	0.51	15.00	268	8050	19.12	-0.14	19.12	270
6075	14.46	3.96	14.99	254	7075	15.11	0.68	15.12	267	8075	19.15	-0.24	19.15	271
6100	14.91	4.14	15.48	254	7100	15.17	0.75	15.19	267	8100	19.03	-0.27	19.03	271
6125	14.57	4.17	15.16	254	7125	15.04	0.81	15.07	267	8125	19.08	-0.39	19.08	271
6150	14.56	4.50	15.24	253	7150	14.92	0.74	14.94	267	8150	19.13	-0.40	19.13	271
6175	14.49	4.59	15.20	252	7175	15.02	0.44	15.03	268	8175	19.31	-0.36	19.31	271
6200	14.76	4.45	15.41	253	7200	15.02	0.07	15.02	270	8200	19.36	-0.20	19.36	270
6225	15.00	4.28	15.60	254	7225	15.13	0.10	15.13	269	8225	19.32	-0.05	19.32	270
6250	15.36	4.02	15.88	255	7250	14.86	0.12	14.86	269	8250	19.56	-0.07	19.56	270
6275	15.81	3.74	16.24	257	7275	15.56	0.07	15.56	270	8275	19.87	-0.14	19.87	270
6300	15.92	3.58	16.32	257	7300	16.28	0.13	16.28	269	8300	20.10	-0.20	20.10	270
6325	16.45	3.50	16.82	258	7325	16.09	0.19	16.09	269	8325	20.28	-0.28	20.28	271
6350	16.38	3.32	16.72	258	7350	16.31	0.45	16.32	268	8350	20.55	-0.58	20.56	271
6375	16.48	3.32	16.81	258	7375	16.50	0.83	16.52	267	8375	20.75	-0.95	20.77	272
6400	16.45	3.43	16.80	258	7400	16.56	1.09	16.60	266	8400	20.93	-1.24	20.97	273
6425	15.68	3.37	16.04	258	7425	16.46	1.41	16.52	265	8425	21.01	-1.36	21.05	274
6450	15.09	3.38	15.46	257	7450	16.41	1.78	16.50	264	8450	21.04	-1.36	21.08	274
6475	14.35	3.34	14.73	257	7475	17.07	2.03	17.19	263	8475	21.38	-1.48	21.43	274
6500	14.84	3.17	15.17	258	7500	17.57	1.97	17.68	263	8500	21.46	-1.73	21.53	274
6525	15.09	2.32	15.26	261	7525	17.45	1.77	17.54	264	8525	21.61	-2.01	21.70	275
6550	14.57	0.88	14.60	266	7550	17.21	1.57	17.28	265	8550	22.03	-2.05	22.12	275
6575	14.57	-0.27	14.57	271	7575	17.11	1.58	17.18	265	8575	21.86	-1.95	21.95	275
6600	14.60	-0.74	14.62	273	7600	17.89	1.67	17.97	264	8600	22.49	-2.15	22.60	275
6625	14.38	-0.81	14.40	273	7625	18.17	1.63	18.24	265	8625	23.18	-2.54	23.32	276
6650	14.07	-0.54	14.08	272	7650	17.80	1.50	17.87	265	8650	23.06	-2.72	23.22	277
6675	14.04	-0.45	14.05	272	7675	17.84	1.38	17.89	265	8675	23.33	-2.85	23.51	277
6700	13.82	-0.43	13.82	272	7700	17.95	1.32	18.00	266	8700	23.60	-3.01	23.79	277
6725	13.47	-0.10	13.47	270	7725	17.98	1.22	18.02	266	8725	23.73	-3.05	23.93	277
6750	13.32	0.35	13.33	268	7750	18.13	1.05	18.16	267	8750	23.80	-2.89	23.97	277

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-11 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0360 01/22/65, 0106Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
8775	24.21	-2.61	24.35	276	9775	30.11	1.65	30.16	267	10775	25.83	3.48	26.07	262
8800	24.63	-2.37	24.74	275	9800	29.70	1.58	29.74	267	10800	25.82	3.63	26.08	262
8825	24.56	-2.20	24.66	275	9825	29.48	1.54	29.53	267	10825	27.27	3.72	27.52	262
8850	24.69	-2.20	24.78	275	9850	29.21	1.51	29.25	267	10850	28.81	3.36	29.01	263
8875	24.88	-2.09	24.97	275	9875	28.51	1.49	28.55	267	10875	28.90	2.86	29.04	264
8900	24.71	-1.87	24.78	274	9900	28.90	1.51	28.94	267	10900	29.10	2.98	29.25	264
8925	25.09	-1.61	25.15	273	9925	29.55	1.70	29.60	267	10925	29.45	3.14	29.62	264
8950	25.78	-1.38	25.82	273	9950	29.35	1.78	29.40	266	10950	29.11	3.13	29.28	264
8975	25.70	-1.30	25.73	273	9975	29.39	1.61	29.43	267	10975	29.09	3.12	29.26	264
9000	25.49	-1.40	25.52	273	10000	29.41	1.46	29.45	267	11000	28.89	3.14	29.06	264
9025	25.65	-1.26	25.68	273	10025	28.65	1.52	28.69	267	11025	29.05	2.80	29.18	264
9050	25.76	-1.00	25.78	272	10050	28.46	1.93	28.53	266	11050	30.04	2.07	30.11	266
9075	25.94	-0.69	25.95	271	10075	28.98	2.03	29.05	266	11075	29.73	1.33	29.76	267
9100	25.97	-0.25	25.97	270	10100	28.43	2.01	28.50	266	11100	29.38	0.77	29.39	268
9125	25.78	-0.16	25.78	270	10125	28.05	1.97	28.12	266	11125	29.17	0.84	29.18	268
9150	25.72	-0.42	25.73	271	10150	28.01	1.98	28.08	266	11150	29.43	1.31	29.46	267
9175	25.96	-0.42	25.96	271	10175	28.00	2.30	28.09	265	11175	30.30	1.23	30.32	267
9200	26.55	-0.20	26.55	270	10200	28.16	2.63	28.28	264	11200	31.20	1.20	31.22	268
9225	27.17	-0.30	27.17	270	10225	27.95	2.83	28.09	264	11225	30.78	1.70	30.83	267
9250	27.78	-0.33	27.78	271	10250	27.78	2.85	27.93	264	11250	31.28	2.42	31.37	265
9275	28.08	-0.28	28.08	270	10275	27.35	2.76	27.49	264	11275	32.43	3.12	32.58	264
9300	28.16	-0.33	28.16	270	10300	27.09	3.19	27.28	263	11300	32.01	3.62	32.21	263
9325	27.41	-0.15	27.42	270	10325	27.50	3.40	27.71	263	11325	32.26	3.77	32.48	263
9350	28.33	-0.08	28.33	270	10350	26.91	3.33	27.11	263	11350	33.06	4.07	33.31	263
9375	29.44	0.06	29.44	270	10375	27.12	3.75	27.38	262	11375	33.53	4.18	33.79	263
9400	29.15	0.51	29.16	269	10400	27.27	3.99	27.56	261	11400	33.70	3.92	33.93	263
9425	29.78	0.66	29.79	269	10425	26.66	3.91	26.95	261	11425	33.46	3.87	33.68	263
9450	29.68	0.60	29.68	269	10450	26.42	3.98	26.71	261	11450	34.23	4.27	34.49	263
9475	29.99	0.93	30.01	268	10475	26.49	4.17	26.82	261	11475	33.76	4.04	34.00	263
9500	30.68	1.20	30.71	268	10500	26.65	4.14	26.97	261	11500	33.67	3.87	33.90	263
9525	30.68	1.29	30.70	267	10525	26.51	4.10	26.82	261	11525	34.14	3.79	34.35	263
9550	30.01	1.58	30.05	267	10550	26.65	4.25	26.99	261	11550	33.26	3.37	33.43	264
9575	30.06	1.64	30.10	267	10575	26.95	4.21	27.28	261	11575	33.59	3.19	33.74	264
9600	30.57	1.53	30.61	267	10600	27.00	4.09	27.30	261	11600	33.37	3.20	33.52	264
9625	29.79	1.43	29.83	267	10625	26.44	4.25	26.78	261	11625	32.99	3.24	33.15	264
9650	29.85	1.39	29.89	267	10650	26.63	4.46	27.00	260	11650	32.66	2.89	32.79	265
9675	30.52	1.56	30.56	267	10675	27.54	4.70	27.94	260	11675	32.25	2.49	32.34	265
9700	30.44	1.70	30.49	267	10700	27.55	4.68	27.95	260	11700	31.75	2.22	31.83	266
9725	29.90	1.69	29.95	267	10725	26.98	4.18	27.31	261	11725	30.79	1.96	30.86	266
9750	29.95	1.60	29.99	267	10750	26.28	3.62	26.53	262	11750	30.04	1.66	30.08	267

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0360 01/22/65, 0106Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
11775	29.11	1.19	29.14	267	12775	27.08	6.60	27.87	256	13775	12.87	9.09	15.75	235
11800	27.95	0.75	27.96	268	12800	25.24	6.33	26.02	256	13800	13.01	9.47	16.09	234
11825	29.26	1.07	29.28	268	12825	24.96	6.25	25.73	256	13825	13.22	9.65	16.37	234
11850	28.87	1.22	28.89	267	12850	25.19	6.35	25.98	256	13850	13.03	9.72	16.26	233
11875	28.39	1.19	28.42	267	12875	24.36	6.15	25.12	256	13875	13.00	9.82	16.29	233
11900	28.74	1.20	28.77	267	12900	23.62	5.55	24.27	257	13900	13.48	9.71	16.62	234
11925	27.31	1.11	27.33	267	12925	22.99	5.06	23.54	257	13925	14.14	9.90	17.26	235
11950	27.68	1.11	27.70	268	12950	22.30	5.00	22.85	257	13950	14.32	9.56	17.21	236
11975	27.98	1.51	28.02	267	12975	21.84	4.97	22.40	257	13975	15.71	9.69	18.46	238
12000	27.07	2.11	27.15	265	13000	21.20	4.42	21.66	258	14000	16.49	9.89	19.23	239
12025	26.87	2.20	26.96	265	13025	20.36	4.34	20.82	258	14025	16.90	9.31	19.29	241
12050	27.02	2.76	27.16	264	13050	19.52	4.48	20.03	257	14050	17.95	8.64	19.92	244
12075	27.95	3.57	28.18	263	13075	19.14	4.44	19.65	257	14075	18.40	8.36	20.21	245
12100	28.28	3.46	28.49	263	13100	19.73	4.55	20.25	257	14100	18.13	9.32	20.38	243
12125	29.10	3.31	29.29	263	13125	19.60	4.66	20.15	256	14125	17.64	9.48	20.02	242
12150	29.34	3.13	29.50	264	13150	18.95	4.69	19.52	256	14150	18.67	9.03	20.74	244
12175	28.06	2.93	28.22	264	13175	19.39	4.44	19.90	257	14175	19.67	9.40	21.80	244
12200	28.86	2.87	29.01	264	13200	19.39	4.63	19.93	256	14200	19.48	9.28	21.58	244
12225	30.60	2.34	30.69	265	13225	18.87	4.76	19.46	256	14225	20.03	9.70	22.26	244
12250	29.94	1.83	30.00	266	13250	18.54	5.25	19.27	254	14250	20.09	10.19	22.53	243
12275	28.68	1.35	28.71	267	13275	18.04	6.01	19.02	251	14275	18.88	9.80	21.27	242
12300	29.35	1.45	29.39	267	13300	17.52	6.31	18.62	250	14300	18.16	10.03	20.74	241
12325	29.68	2.23	29.76	266	13325	16.89	6.42	18.07	249	14325	17.28	10.67	20.31	238
12350	28.28	2.73	28.41	264	13350	16.72	7.08	18.15	247	14350	16.33	10.85	19.61	236
12375	27.14	3.03	27.31	263	13375	17.12	7.27	18.60	247	14375	15.45	10.87	18.89	235
12400	28.29	3.87	28.55	262	13400	16.79	7.30	18.31	246	14400	15.15	11.09	18.77	234
12425	28.53	4.33	28.85	261	13425	16.76	7.74	18.46	245	14425	15.26	11.40	19.05	233
12450	27.45	5.01	27.90	259	13450	16.52	7.95	18.33	244	14450	14.67	11.20	18.45	232
12475	27.44	6.36	28.17	257	13475	16.53	7.82	18.29	245	14475	15.18	11.64	19.13	232
12500	27.22	7.01	28.11	255	13500	16.19	7.81	17.97	244	14500	15.82	12.06	19.89	233
12525	27.63	7.78	28.71	254	13525	15.06	7.74	16.93	243	14525	15.84	12.11	19.94	232
12550	27.57	7.92	28.69	254	13550	14.73	7.85	16.70	242	14550	15.89	11.92	19.86	233
12575	28.16	7.52	29.15	255	13575	14.68	8.46	16.94	240	14575	16.70	12.76	21.01	232
12600	28.94	7.33	29.85	256	13600	14.41	8.61	16.79	239	14600	17.30	13.66	22.04	232
12625	28.00	6.72	28.79	256	13625	14.00	8.77	16.51	238	14625	17.10	13.75	21.95	231
12650	28.69	7.03	29.54	256	13650	13.88	9.10	16.60	237	14650	17.08	14.23	22.23	230
12675	29.64	7.03	30.46	256	13675	13.66	9.13	16.42	236	14675	16.99	13.95	21.98	230
12700	28.70	6.65	29.46	257	13700	13.38	8.95	16.09	236	14700	16.48	13.39	21.24	231
12725	27.34	6.70	28.15	256	13725	13.36	9.21	16.23	235	14725	17.14	13.53	21.84	232
12750	27.10	6.70	27.92	256	13750	13.14	9.35	16.13	234	14750	17.33	13.29	21.84	232

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-11 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0360 01/22/65, 0106Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
14775	16.79	12.50	20.94	233	15775	19.64	13.96	24.10	234	16775	16.90	10.58	19.93	238
14800	17.16	12.12	21.01	235	15800	20.20	14.04	24.60	235	16800	16.57	9.96	19.33	239
14825	17.62	11.84	21.23	236	15825	20.58	13.88	24.83	236	16825	16.53	9.42	19.02	240
14850	18.31	11.59	21.67	237	15850	21.74	14.70	26.24	236	16850	16.79	9.33	19.21	241
14875	18.73	11.30	21.88	239	15875	18.92	14.45	23.80	232	16875	16.97	9.40	19.40	241
14900	19.10	10.98	22.03	240	15900	17.85	14.46	22.97	231	16900	16.28	9.62	18.92	239
14925	19.38	10.88	22.23	241	15925	18.64	15.11	24.00	231	16925	15.73	8.96	18.10	240
14950	19.54	10.41	22.14	242	15950	19.13	14.94	24.27	232	16950	15.39	8.41	17.54	241
14975	19.43	9.35	21.56	244	15975	18.84	15.39	24.32	231	16975	14.89	8.40	17.10	240
15000	19.38	8.20	21.04	247	16000	18.60	15.74	24.37	230	17000	14.97	8.54	17.23	240
15025	19.66	7.32	20.98	249	16025	18.71	15.78	24.47	230	17025	14.67	8.51	16.96	240
15050	20.17	7.06	21.37	251	16050	19.20	16.05	25.03	230	17050	13.99	8.59	16.41	238
15075	19.57	5.69	20.38	254	16075	18.84	15.50	24.40	230	17075	13.54	8.82	16.16	237
15100	19.07	4.80	19.67	256	16100	18.60	14.15	23.37	233	17100	13.03	8.72	15.68	236
15125	19.42	4.51	19.94	257	16125	18.29	12.72	22.27	235	17125	11.32	8.14	13.95	234
15150	18.68	3.77	19.06	258	16150	17.97	12.62	21.96	235	17150	10.10	7.58	12.63	233
15175	18.17	4.28	18.67	257	16175	17.89	11.87	21.47	236	17175	10.81	7.66	13.24	235
15200	17.95	5.61	18.81	252	16200	17.63	10.82	20.69	238	17200	10.78	7.47	13.12	235
15225	17.00	6.22	18.11	250	16225	17.56	10.33	20.37	239	17225	10.61	5.99	12.19	240
15250	16.66	5.57	17.57	251	16250	18.19	10.29	20.90	240	17250	10.40	5.93	11.97	240
15275	15.80	4.51	16.43	254	16275	18.79	10.49	21.52	241	17275	9.83	5.97	11.50	239
15300	14.69	4.65	15.41	252	16300	19.18	10.34	21.79	241	17300	9.98	5.38	11.34	242
15325	15.63	5.62	16.61	250	16325	19.56	10.45	22.18	242	17325	10.13	4.64	11.14	245
15350	15.36	6.18	16.56	248	16350	19.70	10.73	22.44	241	17350	10.17	4.02	10.93	248
15375	14.58	6.48	15.96	246	16375	19.57	10.97	22.43	241	17375	10.33	3.87	11.04	249
15400	14.32	6.27	15.63	246	16400	19.31	11.36	22.40	239	17400	9.91	3.54	10.53	250
15425	14.48	6.99	16.07	244	16425	19.04	11.77	22.39	238	17425	9.66	3.43	10.25	250
15450	14.96	8.19	17.06	241	16450	18.82	12.25	22.46	237					
15475	14.54	8.47	16.83	240	16475	18.10	12.19	21.82	236					
15500	14.32	8.99	16.91	238	16500	16.68	12.03	20.56	234					
15525	15.11	10.11	18.18	236	16525	16.30	12.61	20.61	232					
15550	15.63	10.35	18.75	236	16550	16.52	13.18	21.14	231					
15575	15.97	10.04	18.86	238	16575	16.35	13.06	20.92	231					
15600	16.47	10.73	19.65	237	16600	16.60	12.97	21.07	232					
15625	16.52	11.73	20.26	234	16625	16.62	12.68	20.91	232					
15650	16.47	12.33	20.57	233	16650	16.71	12.46	20.85	233					
15675	17.87	13.46	22.38	233	16675	16.77	12.12	20.69	234					
15700	18.06	13.67	22.65	233	16700	16.55	11.52	20.16	235					
15725	18.98	13.74	23.43	234	16725	16.52	10.92	19.80	236					
15750	19.32	13.81	23.74	234	16750	16.85	10.48	19.84	238					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-12

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0356 01/22/65, 1929Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1650	-2.53	5.26	5.84	154	2650	6.17	1.89	6.45	253	3650	6.92	2.38	7.31	251
1675	-2.50	5.09	5.67	154	2675	6.93	2.40	7.33	251	3675	6.50	2.54	6.98	248
1700	-2.13	4.92	5.36	156	2700	6.92	2.45	7.34	250	3700	6.24	2.84	6.86	245
1725	-1.36	4.80	4.99	164	2725	6.93	2.65	7.42	249	3725	6.32	3.31	7.13	242
1750	-0.65	4.31	4.35	171	2750	7.05	2.87	7.62	248	3750	6.24	3.61	7.21	240
1775	0.30	3.51	3.52	185	2775	7.15	3.28	7.86	245	3775	5.98	3.84	7.11	237
1800	0.99	3.22	3.37	197	2800	7.05	3.65	7.94	242	3800	5.83	4.12	7.14	235
1825	1.38	3.05	3.34	204	2825	6.97	3.86	7.97	241	3825	5.95	4.50	7.46	233
1850	1.60	2.76	3.19	210	2850	7.11	4.10	8.21	240	3850	5.87	4.38	7.32	233
1875	1.73	2.44	2.99	215	2875	7.13	4.09	8.22	240	3875	5.81	4.08	7.10	235
1900	1.57	2.27	2.77	215	2900	7.14	3.96	8.16	241	3900	5.92	3.72	6.99	238
1925	1.18	2.21	2.50	208	2925	7.11	3.93	8.12	241	3925	5.93	3.02	6.65	243
1950	0.68	2.15	2.26	197	2950	7.25	4.04	8.30	241	3950	6.29	2.65	6.83	247
1975	0.31	2.28	2.30	188	2975	7.44	4.41	8.64	239	3975	6.33	2.41	6.77	249
2000	0.04	2.39	2.39	181	3000	7.37	4.58	8.67	238	4000	5.95	2.37	6.40	248
2025	-0.20	2.42	2.43	175	3025	7.25	4.06	8.31	241	4025	5.68	2.41	6.17	247
2050	-0.53	2.37	2.42	167	3050	7.33	3.43	8.09	245	4050	5.55	2.52	6.10	245
2075	-0.79	2.30	2.43	161	3075	7.34	2.84	7.87	249	4075	5.48	2.60	6.07	244
2100	-0.96	2.25	2.45	157	3100	7.23	2.35	7.60	252	4100	5.79	2.63	6.36	245
2125	-0.97	2.20	2.41	156	3125	7.16	2.15	7.48	253	4125	5.99	2.63	6.54	246
2150	-0.86	2.10	2.27	158	3150	7.33	2.26	7.67	253	4150	5.92	2.70	6.51	245
2175	-0.68	2.09	2.20	162	3175	7.57	2.33	7.92	253	4175	5.98	2.79	6.60	245
2200	-0.41	2.32	2.35	170	3200	7.72	2.26	8.04	254	4200	6.17	2.91	6.82	245
2225	-0.20	2.77	2.78	176	3225	7.89	2.19	8.19	254	4225	6.35	3.13	7.08	244
2250	0.11	3.06	3.07	182	3250	8.24	1.99	8.48	256	4250	6.46	3.30	7.25	243
2275	0.62	3.36	3.42	190	3275	8.41	1.80	8.60	258	4275	6.49	3.24	7.26	243
2300	0.83	3.76	3.85	192	3300	8.31	1.80	8.50	258	4300	6.48	3.24	7.24	243
2325	1.14	4.02	4.18	196	3325	8.13	1.75	8.31	258	4325	6.52	3.29	7.31	243
2350	1.51	3.92	4.20	201	3350	7.69	1.61	7.85	258	4350	6.45	3.30	7.24	243
2375	1.76	3.73	4.12	205	3375	7.18	1.57	7.35	257	4375	6.54	3.78	7.55	240
2400	2.22	3.52	4.16	212	3400	6.92	1.44	7.06	258	4400	6.51	4.15	7.72	237
2425	2.68	3.31	4.26	219	3425	6.99	1.31	7.12	259	4425	6.26	4.25	7.57	236
2450	3.15	3.10	4.41	225	3450	6.99	1.16	7.09	260	4450	6.23	4.29	7.56	235
2475	3.61	2.88	4.62	231	3475	6.66	0.97	6.73	262	4475	6.29	4.29	7.61	235
2500	3.97	2.52	4.70	237	3500	6.56	0.89	6.62	262	4500	6.36	4.31	7.68	236
2525	4.30	2.18	4.81	243	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4525	6.19	4.38	7.58	235
2550	4.74	1.80	5.07	249	3550	7.21	2.11	7.51	254	4550	6.10	4.57	7.63	233
2575	5.12	1.51	5.33	253	3575	7.52	2.47	7.91	252	4575	6.49	5.23	8.34	231
2600	5.66	1.47	5.84	255	3600	7.51	2.31	7.86	253	4600	6.67	5.59	8.70	230
2625	5.86	1.56	6.06	255	3625	7.20	2.21	7.53	253	4625	6.86	5.58	8.84	231

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0356 01/22/65, 1929Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4650	7.38	5.67	9.31	232	5650	7.26	1.08	7.34	261	6650	9.28	1.31	9.37	262
4675	8.15	5.79	9.99	234	5675	7.20	1.03	7.28	262	6675	9.20	1.28	9.29	262
4700	8.47	5.47	10.08	237	5700	6.81	0.99	6.88	262	6700	9.08	1.18	9.15	262
4725	8.61	5.03	9.97	240	5725	6.57	1.04	6.65	261	6725	9.07	1.03	9.13	263
4750	9.81	5.32	11.16	241	5750	6.50	0.97	6.57	261	6750	9.16	0.77	9.19	265
4775	10.52	5.56	11.90	242	5775	6.62	0.65	6.65	264	6775	9.26	0.43	9.27	267
4800	10.61	5.63	12.01	242	5800	6.85	0.18	6.85	268	6800	9.42	0.12	9.42	269
4825	11.51	6.01	12.98	242	5825	7.12	-0.05	7.12	270	6825	9.77	0.14	9.77	269
4850	11.53	5.98	12.99	242	5850	7.30	-0.02	7.30	270	6850	10.00	0.18	10.00	269
4875	11.40	5.83	12.81	243	5875	7.77	0.06	7.77	269	6875	10.04	0.17	10.04	269
4900	11.35	5.96	12.82	242	5900	7.87	0.24	7.88	268	6900	10.98	0.04	10.98	270
4925	10.55	5.87	12.07	241	5925	7.88	0.40	7.89	267	6925	11.73	-0.09	11.73	270
4950	10.24	5.71	11.73	241	5950	8.36	0.50	8.37	266	6950	11.85	-0.31	11.85	271
4975	10.09	5.43	11.46	242	5975	8.99	0.90	9.03	264	6975	11.82	-0.54	11.83	272
5000	9.78	5.27	11.11	242	6000	9.24	1.37	9.34	261	7000	11.77	-0.50	11.78	272
5025	9.10	5.00	10.38	241	6025	9.15	1.70	9.31	259	7025	12.38	-0.38	12.38	272
5050	8.41	4.57	9.57	241	6050	9.35	1.87	9.53	258	7050	12.46	-0.49	12.47	272
5075	7.76	4.28	8.86	241	6075	9.47	2.02	9.68	258	7075	12.16	-0.68	12.17	273
5100	7.42	4.33	8.59	240	6100	9.52	2.20	9.77	257	7100	11.82	-0.60	11.84	273
5125	6.76	4.28	8.00	238	6125	9.38	1.93	9.57	258	7125	12.38	-0.63	12.39	273
5150	6.38	4.05	7.55	237	6150	9.22	1.36	9.32	261	7150	12.96	-0.74	12.98	273
5175	6.39	3.65	7.36	240	6175	9.28	0.76	9.31	265	7175	12.97	-0.89	13.00	274
5200	6.17	3.51	7.09	240	6200	9.23	0.47	9.24	267	7200	13.10	-1.13	13.15	275
5225	6.09	3.54	7.05	240	6225	9.31	0.57	9.33	266	7225	13.31	-1.34	13.38	276
5250	6.31	3.11	7.03	244	6250	9.24	0.58	9.26	266	7250	13.81	-1.45	13.88	276
5275	6.78	2.49	7.22	250	6275	8.96	0.51	8.98	267	7275	14.18	-1.38	14.25	275
5300	7.15	1.91	7.40	255	6300	9.20	0.53	9.21	267	7300	14.09	-1.20	14.14	275
5325	7.68	1.86	7.90	256	6325	9.19	0.61	9.21	266	7325	13.52	-0.84	13.54	273
5350	8.05	2.11	8.32	255	6350	9.18	0.72	9.21	265	7350	13.81	-0.52	13.82	272
5375	8.33	2.19	8.61	255	6375	9.12	0.73	9.15	265	7375	13.80	-0.51	13.81	272
5400	8.69	2.11	8.95	256	6400	8.93	0.79	8.96	265	7400	13.57	-0.50	13.57	272
5425	8.88	2.23	9.16	256	6425	8.83	0.95	8.88	264	7425	13.77	-0.50	13.78	272
5450	8.66	2.48	9.01	254	6450	8.42	1.03	8.48	263	7450	14.11	-0.39	14.11	271
5475	8.21	2.44	8.56	253	6475	8.76	1.35	8.86	261	7475	14.34	-0.16	14.34	270
5500	7.76	1.96	8.01	256	6500	9.28	1.74	9.44	259	7500	13.86	-0.05	13.86	270
5525	7.39	1.47	7.54	259	6525	9.08	1.86	9.27	258	7525	13.09	0.22	13.09	269
5550	7.28	1.21	7.38	260	6550	8.98	1.95	9.19	258	7550	12.55	0.53	12.56	267
5575	7.32	1.09	7.40	261	6575	9.02	1.84	9.20	258	7575	12.20	0.81	12.23	266
5600	7.28	1.06	7.36	262	6600	9.04	1.55	9.18	260	7600	12.30	1.21	12.36	264
5625	7.11	1.07	7.19	261	6625	9.04	1.34	9.14	261	7625	12.07	1.59	12.18	262

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-12 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0356 01/22/65, 1929Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7650	11.46	1.98	11.63	260	8650	16.94	0.13	16.94	269	9650	20.88	4.43	21.34	258
7675	11.47	2.21	11.68	259	8675	17.24	0.33	17.24	269	9675	20.74	4.53	21.23	257
7700	11.37	2.25	11.59	259	8700	17.68	0.57	17.69	268	9700	20.38	4.57	20.89	257
7725	11.12	2.20	11.34	259	8725	17.37	0.74	17.38	267	9725	20.54	4.55	21.04	257
7750	11.01	2.09	11.21	259	8750	17.46	0.94	17.48	267	9750	21.19	4.41	21.65	258
7775	11.02	1.99	11.19	260	8775	17.85	1.29	17.90	266	9775	21.45	4.37	21.89	258
7800	11.09	1.89	11.25	260	8800	17.58	1.48	17.64	265	9800	21.71	4.40	22.15	258
7825	11.13	1.87	11.29	260	8825	17.48	1.53	17.54	265	9825	22.29	4.23	22.68	259
7850	11.20	1.72	11.33	261	8850	17.44	1.77	17.52	264	9850	22.51	3.99	22.86	260
7875	11.22	1.56	11.33	262	8875	17.38	2.03	17.50	263	9875	22.33	3.63	22.63	261
7900	11.24	1.57	11.35	262	8900	17.50	2.22	17.64	263	9900	22.47	3.23	22.70	262
7925	11.51	1.53	11.61	262	8925	17.63	2.41	17.79	262	9925	22.80	3.31	23.04	262
7950	11.99	1.44	12.08	263	8950	17.74	2.65	17.93	261	9950	23.19	3.16	23.41	262
7975	12.57	1.44	12.66	263	8975	17.92	2.76	18.13	261	9975	22.66	2.76	22.83	263
8000	13.03	1.46	13.11	263	9000	18.21	2.81	18.42	261	10000	23.58	2.53	23.71	264
8025	13.21	1.36	13.28	264	9025	18.32	2.89	18.54	261	10025	24.27	2.32	24.38	264
8050	13.34	1.28	13.40	264	9050	18.53	3.01	18.78	261	10050	23.86	2.12	23.96	265
8075	13.34	1.29	13.40	264	9075	18.66	3.36	18.96	260	10075	24.21	2.25	24.32	265
8100	13.63	1.40	13.70	264	9100	18.19	3.56	18.53	259	10100	23.90	2.48	24.03	264
8125	14.29	1.81	14.41	263	9125	18.69	3.82	19.08	258	10125	23.52	2.64	23.67	263
8150	14.72	2.07	14.86	262	9150	18.76	4.05	19.19	258	10150	23.58	2.85	23.75	263
8175	15.17	1.93	15.29	263	9175	18.37	4.24	18.85	257	10175	24.02	3.09	24.22	262
8200	15.48	1.78	15.58	263	9200	18.67	4.52	19.21	256	10200	23.96	3.31	24.18	262
8225	15.73	1.73	15.83	264	9225	17.91	4.50	18.47	256	10225	23.55	3.47	23.80	261
8250	16.08	1.50	16.15	264	9250	18.24	4.73	18.85	255	10250	23.48	3.67	23.76	261
8275	16.54	1.18	16.58	266	9275	18.89	4.89	19.52	255	10275	23.56	3.86	23.87	261
8300	16.66	1.09	16.70	266	9300	18.20	4.72	18.81	255	10300	23.79	3.79	24.09	261
8325	16.41	1.11	16.45	266	9325	18.31	4.72	18.91	255	10325	24.09	3.60	24.36	261
8350	16.06	0.95	16.09	266	9350	19.19	4.93	19.81	255	10350	24.35	3.50	24.60	262
8375	16.17	0.78	16.19	267	9375	19.10	4.79	19.69	256	10375	24.40	3.32	24.63	262
8400	16.46	0.61	16.47	268	9400	18.98	4.55	19.52	256	10400	25.26	2.95	25.43	263
8425	16.50	0.44	16.51	268	9425	19.37	4.56	19.89	257	10425	25.66	2.45	25.78	264
8450	16.76	0.32	16.76	269	9450	19.42	4.50	19.94	257	10450	25.40	1.98	25.48	265
8475	16.99	0.26	16.99	269	9475	19.55	4.25	20.00	258	10475	25.11	1.72	25.17	266
8500	17.13	0.09	17.13	270	9500	19.81	4.05	20.22	258	10500	25.58	1.53	25.63	266
8525	17.06	-0.10	17.06	270	9525	20.17	4.18	20.60	258	10525	25.97	1.62	26.02	266
8550	16.99	-0.14	16.99	270	9550	20.22	4.33	20.68	258	10550	25.49	1.45	25.53	267
8575	17.17	-0.14	17.17	270	9575	19.71	4.32	20.18	257	10575	25.54	1.26	25.57	267
8600	17.28	0.05	17.28	270	9600	19.82	4.27	20.28	258	10600	25.91	1.09	25.94	267
8625	17.08	0.11	17.08	269	9625	20.60	4.32	21.05	258	10625	26.35	0.88	26.36	268

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0356 01/22/65, 1929Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10650	26.35	0.65	26.36	268	11650	29.94	5.62	30.46	259	12650	30.40	5.54	30.90	259
10675	26.64	0.25	26.65	269	11675	29.73	5.45	30.22	259	12675	30.61	6.59	31.31	258
10700	26.97	-0.23	26.97	270	11700	29.97	5.02	30.39	260	12700	31.49	7.30	32.32	257
10725	27.46	-0.55	27.47	271	11725	30.15	5.00	30.56	260	12725	31.21	7.70	32.15	256
10750	27.69	-0.42	27.69	271	11750	29.89	4.72	30.26	261	12750	31.78	8.19	32.82	255
10775	27.76	-0.41	27.77	271	11775	29.70	4.22	30.00	262	12775	32.07	7.93	33.04	256
10800	27.51	-0.34	27.51	271	11800	29.28	3.96	29.55	262	12800	32.35	7.81	33.28	256
10825	26.63	0.00	26.63	270	11825	28.84	3.71	29.08	262	12825	32.36	7.88	33.31	256
10850	26.95	0.16	26.95	269	11850	29.19	3.72	29.43	263	12850	32.34	8.04	33.32	256
10875	27.42	0.45	27.42	269	11875	29.27	3.86	29.53	262	12875	32.51	8.21	33.53	256
10900	27.50	0.71	27.51	268	11900	29.52	3.93	29.78	262	12900	33.26	8.76	34.40	255
10925	27.54	1.09	27.56	268	11925	30.08	4.21	30.37	262	12925	33.88	9.36	35.15	254
10950	27.76	1.54	27.81	267	11950	30.02	4.15	30.30	262	12950	34.25	9.64	35.58	254
10975	27.88	1.79	27.94	266	11975	29.33	4.09	29.62	262	12975	34.53	10.13	35.98	253
11000	27.69	1.97	27.76	266	12000	30.44	4.47	30.77	261	13000	34.38	10.42	35.92	253
11025	27.68	2.17	27.77	265	12025	31.27	4.43	31.58	262	13025	35.38	10.97	37.04	253
11050	27.87	2.40	27.98	265	12050	30.85	4.60	31.19	261	13050	35.47	11.09	37.16	252
11075	27.46	2.47	27.57	265	12075	31.52	5.19	31.95	260	13075	36.56	11.77	38.40	252
11100	27.80	2.64	27.93	264	12100	31.11	5.12	31.53	260	13100	38.07	12.66	40.12	251
11125	28.57	2.82	28.71	264	12125	31.88	5.42	32.34	260	13125	38.38	13.12	40.56	251
11150	28.01	3.02	28.18	264	12150	32.72	5.73	33.22	260	13150	38.66	13.54	40.97	251
11175	28.33	3.16	28.51	263	12175	32.24	5.61	32.73	260	13175	39.25	14.10	41.71	250
11200	29.05	3.05	29.21	264	12200	32.53	5.59	33.01	260	13200	40.76	15.32	43.54	249
11225	29.15	3.05	29.31	264	12225	32.82	5.61	33.30	260	13225	41.18	16.07	44.21	248
11250	29.12	3.30	29.30	263	12250	33.24	5.80	33.75	260	13250	42.00	16.75	45.21	248
11275	29.29	3.62	29.51	263	12275	33.42	5.98	33.95	260	13275	42.61	17.12	45.92	248
11300	29.11	3.83	29.36	262	12300	32.78	5.86	33.30	260	13300	41.86	17.20	45.26	247
11325	29.18	4.26	29.49	262	12325	32.35	5.63	32.84	260	13325	41.20	17.60	44.80	247
11350	29.77	4.58	30.12	261	12350	32.21	5.42	32.66	260	13350	40.46	18.25	44.39	246
11375	29.17	4.62	29.53	261	12375	31.97	5.34	32.41	260	13375	39.71	19.29	44.14	244
11400	29.85	4.74	30.22	261	12400	31.65	5.11	32.06	261	13400	38.69	19.90	43.51	243
11425	30.22	4.73	30.59	261	12425	31.63	4.92	32.01	261	13425	38.45	20.18	43.42	242
11450	29.63	5.06	30.05	260	12450	31.34	5.07	31.75	261	13450	38.17	19.89	43.04	242
11475	30.04	5.52	30.55	259	12475	30.01	4.71	30.37	261	13475	37.86	18.70	42.22	244
11500	30.33	5.58	30.84	259	12500	29.96	4.69	30.33	261	13500	38.15	17.61	42.02	245
11525	29.79	5.75	30.34	259	12525	30.24	5.06	30.66	260	13525	37.93	16.71	41.45	246
11550	29.55	5.91	30.14	259	12550	30.22	5.06	30.64	260	13550	37.95	16.00	41.18	247
11575	29.86	5.90	30.44	259	12575	30.30	5.04	30.72	260	13575	37.75	15.36	40.76	248
11600	29.59	5.71	30.13	259	12600	29.32	5.06	29.75	260	13600	36.55	14.36	39.27	248
11625	29.72	5.51	30.23	259	12625	30.35	5.39	30.82	260	13625	35.23	13.41	37.70	249

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-12 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0356 01/22/65, 1929Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13650	37.24	13.88	39.74	249	14650	26.27	15.50	30.50	239	15650	25.83	10.59	27.92	248
13675	37.84	13.82	40.28	250	14675	26.10	16.10	30.66	238	15675	25.55	10.53	27.63	247
13700	36.00	12.51	38.11	251	14700	25.69	16.81	30.70	237	15700	25.82	10.16	27.75	248
13725	35.55	11.64	37.41	252	14725	25.40	17.81	31.02	235	15725	26.06	10.17	27.97	249
13750	35.38	11.38	37.16	252	14750	24.94	18.68	31.16	233	15750	26.12	10.05	27.98	249
13775	34.89	10.68	36.49	253	14775	23.48	17.86	29.50	233	15775	25.62	10.19	27.57	248
13800	34.35	10.03	35.78	254	14800	23.66	17.64	29.52	233	15800	25.14	10.74	27.34	247
13825	32.83	9.76	34.25	253	14825	24.99	17.87	30.73	234	15825	26.80	11.25	29.07	247
13850	32.87	9.93	34.34	253	14850	25.24	17.24	30.56	235	15850	27.28	11.67	29.67	247
13875	32.58	10.09	34.11	253	14875	25.77	16.82	30.78	237	15875	26.34	12.32	29.08	245
13900	31.10	9.96	32.65	252	14900	25.07	15.90	29.69	237	15900	26.18	12.15	28.86	245
13925	30.71	10.32	32.40	251	14925	24.75	14.94	28.91	239	15925	26.30	12.01	28.91	245
13950	30.24	10.66	32.07	250	14950	25.84	15.11	29.93	240	15950	26.52	12.63	29.37	244
13975	29.89	10.93	31.83	250	14975	26.24	15.29	30.37	240	15975	26.91	12.55	29.69	245
14000	28.24	11.18	30.37	248	15000	24.92	14.21	28.68	240	16000	27.29	12.72	30.11	245
14025	28.93	12.35	31.46	247	15025	25.68	14.06	29.27	241	16025	28.26	13.61	31.37	244
14050	29.80	13.21	32.59	246	15050	27.42	14.43	30.99	242	16050	28.69	14.11	31.97	244
14075	29.02	12.64	31.66	246	15075	27.60	14.30	31.09	242	16075	28.91	14.26	32.23	244
14100	28.75	12.01	31.16	247	15100	26.03	13.52	29.33	242	16100	28.29	13.55	31.37	244
14125	29.09	11.87	31.41	248	15125	26.74	13.36	29.89	243	16125	29.10	13.02	31.88	246
14150	29.72	11.49	31.86	249	15150	27.78	13.44	30.86	244	16150	29.23	12.37	31.74	247
14175	30.09	11.16	32.09	249	15175	28.31	13.25	31.26	245	16175	28.18	11.08	30.28	248
14200	29.27	10.86	31.22	249	15200	27.53	12.79	30.36	245	16200	29.24	9.71	30.81	251
14225	28.52	10.83	30.51	249	15225	26.71	12.63	29.54	245	16225	29.91	8.57	31.11	254
14250	29.61	11.56	31.79	249	15250	26.63	12.53	29.43	245	16250	30.10	7.35	30.99	256
14275	28.53	11.95	30.93	247	15275	26.93	12.74	29.79	245	16275	30.29	6.77	31.04	257
14300	27.28	11.94	29.78	246	15300	27.97	13.20	30.93	245	16300	30.12	6.40	30.79	258
14325	26.56	11.79	29.06	246	15325	27.95	12.51	30.62	246	16325	30.00	6.10	30.61	258
14350	26.87	11.95	29.41	246	15350	27.76	11.76	30.14	247	16350	29.78	5.66	30.31	259
14375	27.18	11.89	29.67	246	15375	27.68	11.27	29.89	248	16375	30.06	5.05	30.48	260
14400	26.64	12.03	29.23	246	15400	27.06	10.89	29.17	248	16400	30.65	4.58	30.99	261
14425	27.01	12.39	29.72	245	15425	26.72	10.75	28.80	248	16425	30.53	4.08	30.80	262
14450	27.60	12.61	30.34	245	15450	26.15	10.26	28.09	248	16450	29.78	3.64	30.01	263
14475	27.18	12.90	30.09	244	15475	26.53	9.97	28.34	249	16475	28.43	3.40	28.66	263
14500	26.84	13.11	29.88	244	15500	26.82	10.14	28.67	249	16500	28.04	3.28	28.23	263
14525	26.75	13.32	29.88	243	15525	25.97	9.93	27.80	249	16525	27.76	2.84	27.91	264
14550	26.70	13.80	30.06	242	15550	26.12	9.91	27.94	249	16550	26.46	2.44	26.57	265
14575	26.49	14.06	30.00	242	15575	26.06	10.00	27.91	249	16575	25.07	2.63	25.21	264
14600	26.41	14.29	30.03	241	15600	25.57	10.01	27.46	248	16600	22.74	2.49	22.88	264
14625	26.24	14.89	30.17	240	15625	25.86	10.22	27.80	248	16625	22.39	1.85	22.46	265

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0356 01/22/65, 1929Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16650	21.82	2.10	21.92	264	17650	11.68	10.97	16.03	227					
16675	19.19	2.85	19.40	261	17675	11.84	10.88	16.08	227					
16700	17.47	3.29	17.78	259	17700	11.97	9.99	15.59	230					
16725	16.54	3.17	16.84	259	17725	12.12	9.30	15.27	232					
16750	16.20	2.98	16.47	259	17750	12.38	9.03	15.32	234					
16775	15.98	2.72	16.21	260	17775	12.99	9.35	16.01	234					
16800	15.63	2.78	15.87	260	17800	13.31	9.64	16.43	234					
16825	14.65	2.65	14.89	260	17825	13.74	9.75	16.84	234					
16850	14.61	3.08	14.93	258	17850	13.89	10.03	17.13	234					
16875	15.03	3.56	15.45	257	17875	13.94	10.34	17.36	233					
16900	14.21	3.94	14.75	254	17900	13.95	10.27	17.33	233					
16925	14.25	4.41	14.91	253	17925	13.70	10.94	17.53	231					
16950	14.59	5.04	15.44	251	17950	13.66	11.68	17.98	229					
16975	14.85	5.37	15.79	250	17975	15.77	9.45	18.38	239					
17000	15.27	6.06	16.43	248	18000	16.28	8.79	18.50	241					
17025	15.04	6.77	16.49	246	18025	17.45	6.88	18.76	248					
17050	14.79	7.57	16.61	243	18050	17.60	5.88	18.55	251					
17075	15.12	8.13	17.17	242	18075	17.43	4.78	18.07	254					
17100	14.89	8.59	17.19	240	18100	17.05	4.24	17.56	256					
17125	14.49	8.86	16.99	238	18125	15.97	2.71	16.19	260					
17150	14.72	9.66	17.61	237	18150	15.17	1.36	15.23	265					
17175	14.93	9.57	17.74	237	18175	14.02	0.15	14.02	269					
17200	15.17	8.75	17.51	240	18200	13.73	-0.27	13.73	271					
17225	15.53	8.63	17.77	241	18225	13.64	-0.74	13.66	273					
17250	16.09	8.22	18.07	243	18250	12.38	-1.21	12.44	275					
17275	15.79	7.57	17.51	244	18275	11.89	-1.55	11.99	277					
17300	14.98	7.42	16.71	243	18300	10.94	-2.06	11.13	280					
17325	14.02	6.58	15.49	245	18325	10.71	-1.82	10.86	279					
17350	14.06	6.11	15.33	246	18350	10.85	-0.94	10.89	275					
17375	14.61	6.30	15.91	247	18375	10.92	-0.66	10.94	273					
17400	14.76	6.19	16.01	247	18400	11.12	-0.83	11.15	274					
17425	14.45	5.42	15.44	249	18425	11.27	-0.72	11.29	273					
17450	13.39	5.34	14.41	248										
17475	12.27	5.68	13.52	245										
17500	11.04	5.88	12.51	242										
17525	10.60	7.26	12.84	235										
17550	10.76	8.46	13.69	232										
17575	10.88	9.26	14.29	229										
17600	11.26	9.72	14.88	229										
17625	11.56	10.34	15.51	228										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-13

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-03 01/27/65, 1714Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
450	3.69	-9.07	9.80	338	1450	15.56	-0.62	15.57	272	2450	22.14	6.39	23.04	254
475	3.38	-8.99	9.61	339	1475	15.80	-0.38	15.81	271	2475	21.84	6.52	22.80	253
500	2.87	-9.02	9.46	342	1500	15.92	-0.16	15.92	270	2500	21.63	6.84	22.68	252
525	2.75	-8.95	9.36	343	1525	15.73	0.08	15.73	270	2525	21.37	7.15	22.54	251
550	2.73	-8.88	9.29	343	1550	15.86	0.17	15.86	269	2550	20.98	7.22	22.19	251
575	2.69	-8.89	9.28	343	1575	16.38	0.17	16.38	269	2575	20.50	7.30	21.76	250
600	3.08	-8.68	9.21	340	1600	16.73	0.19	16.73	269	2600	19.93	7.51	21.30	249
625	3.55	-8.37	9.09	337	1625	16.63	0.17	16.63	269	2625	19.21	7.68	20.68	248
650	3.66	-8.44	9.20	336	1650	16.78	-0.05	16.78	270	2650	18.27	7.92	19.91	246
675	3.73	-8.62	9.39	336	1675	17.21	-0.32	17.21	271	2675	17.40	8.10	19.20	245
700	3.75	-8.57	9.35	336	1700	17.53	-0.43	17.53	271	2700	17.26	8.14	19.08	245
725	3.52	-8.54	9.24	337	1725	17.67	-0.51	17.67	271	2725	17.52	8.37	19.42	244
750	3.35	-8.36	9.01	338	1750	17.69	-0.52	17.70	272	2750	17.54	8.76	19.60	243
775	3.47	-8.10	8.81	337	1775	17.66	-0.25	17.66	271	2775	17.17	8.95	19.36	242
800	3.42	-7.95	8.65	337	1800	17.72	0.30	17.72	269	2800	16.66	9.01	18.94	241
825	3.50	-7.55	8.32	335	1825	18.10	0.70	18.12	268	2825	16.62	9.33	19.06	241
850	4.08	-6.94	8.05	329	1850	18.55	0.79	18.57	267	2850	16.82	9.65	19.39	240
875	4.59	-6.27	7.77	324	1875	18.83	0.87	18.85	267	2875	16.85	9.79	19.48	240
900	4.65	-5.73	7.38	321	1900	19.08	0.81	19.10	267	2900	16.63	9.79	19.30	239
925	5.08	-5.30	7.34	316	1925	19.35	0.79	19.36	267	2925	16.59	9.62	19.17	240
950	6.19	-4.91	7.90	308	1950	19.60	0.80	19.62	267	2950	16.95	9.34	19.35	241
975	7.35	-4.73	8.74	303	1975	20.11	0.88	20.13	267	2975	17.14	9.22	19.46	242
1000	8.23	-4.81	9.53	300	2000	20.44	1.18	20.47	267	3000	17.09	9.19	19.40	242
1025	9.10	-4.86	10.32	298	2025	20.48	1.54	20.53	266	3025	16.89	9.25	19.25	241
1050	10.20	-4.46	11.13	293	2050	20.76	1.98	20.85	264	3050	16.78	9.23	19.15	241
1075	11.49	-3.54	12.03	287	2075	21.31	2.53	21.46	263	3075	16.78	9.23	19.16	241
1100	12.69	-2.49	12.93	281	2100	21.65	2.94	21.85	262	3100	16.48	9.42	18.98	240
1125	13.24	-1.59	13.34	277	2125	21.59	3.35	21.84	261	3125	16.08	9.54	18.70	239
1150	13.37	-1.03	13.41	274	2150	21.65	3.75	21.98	260	3150	16.37	9.35	18.85	240
1175	13.38	-0.78	13.40	273	2175	21.99	4.27	22.40	259	3175	16.61	9.32	19.04	241
1200	13.67	-1.01	13.71	274	2200	22.18	4.74	22.69	258	3200	16.51	9.61	19.10	240
1225	14.11	-1.43	14.18	276	2225	22.02	4.96	22.58	257	3225	16.47	9.73	19.13	239
1250	14.10	-1.58	14.19	276	2250	21.78	4.82	22.31	257	3250	16.44	9.85	19.16	239
1275	13.95	-1.76	14.06	277	2275	21.79	4.60	22.27	258	3275	16.46	9.76	19.13	239
1300	13.96	-1.88	14.09	277	2300	21.89	4.62	22.38	258	3300	16.46	9.42	18.97	240
1325	14.32	-1.91	14.45	277	2325	22.08	4.67	22.56	258	3325	16.49	9.26	18.91	240
1350	14.68	-1.95	14.81	277	2350	22.15	4.77	22.66	258	3350	16.56	9.13	18.91	241
1375	14.90	-1.81	15.01	277	2375	22.17	5.04	22.74	257	3375	16.64	8.85	18.85	242
1400	15.13	-1.68	15.22	276	2400	22.47	5.51	23.13	256	3400	16.61	8.56	18.68	243
1425	15.37	-0.99	15.41	274	2425	22.52	6.08	23.33	255	3425	16.77	8.57	18.83	243

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-03 01/27/65, 1714Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3450	17.12	8.69	19.20	243	4450	23.92	6.70	24.84	254	5450	28.50	10.01	30.20	250
3475	16.93	8.65	19.01	243	4475	24.20	6.74	25.12	254	5475	28.38	10.10	30.12	250
3500	16.78	8.44	18.78	243	4500	24.46	6.83	25.39	254	5500	28.27	10.23	30.06	250
3525	17.06	8.09	18.88	244	4525	24.76	6.93	25.71	254	5525	28.44	10.55	30.33	249
3550	17.11	8.02	18.90	245	4550	25.40	7.28	26.42	254	5550	28.66	10.87	30.65	249
3575	17.07	8.12	18.90	244	4575	26.01	7.74	27.14	253	5575	28.92	11.11	30.98	249
3600	17.16	8.23	19.03	244	4600	26.22	8.15	27.46	253	5600	29.32	11.21	31.39	249
3625	17.30	8.14	19.12	245	4625	26.06	8.62	27.45	252	5625	29.44	11.41	31.57	249
3650	17.48	8.04	19.24	245	4650	26.00	8.80	27.45	251	5650	29.19	11.98	31.55	248
3675	17.54	8.23	19.38	245	4675	26.12	8.92	27.60	251	5675	29.02	12.32	31.52	247
3700	17.45	8.54	19.43	244	4700	26.25	9.03	27.76	251	5700	28.84	12.46	31.42	246
3725	17.24	8.60	19.27	243	4725	26.30	8.86	27.76	251	5725	28.53	12.68	31.22	246
3750	17.22	8.37	19.14	244	4750	26.33	8.72	27.74	251	5750	28.39	13.08	31.26	245
3775	17.48	8.34	19.37	244	4775	26.37	8.71	27.77	252	5775	28.38	13.42	31.40	245
3800	17.64	8.39	19.53	244	4800	26.50	8.59	27.86	252	5800	28.43	13.78	31.59	244
3825	17.62	8.43	19.53	244	4825	26.53	8.57	27.88	252	5825	28.88	13.78	32.00	244
3850	17.48	8.39	19.39	244	4850	26.63	8.57	27.97	252	5850	29.27	13.32	32.16	245
3875	17.50	8.17	19.32	245	4875	26.77	8.49	28.09	252	5875	29.55	13.05	32.30	246
3900	17.65	7.97	19.37	246	4900	26.87	8.40	28.15	252	5900	29.75	12.84	32.40	246
3925	17.67	7.90	19.36	246	4925	26.93	8.30	28.18	253	5925	30.07	12.51	32.57	247
3950	17.98	7.78	19.59	246	4950	27.08	8.16	28.28	253	5950	30.34	12.45	32.79	248
3975	18.26	7.98	19.93	246	4975	27.48	8.00	28.62	254	5975	30.44	12.23	32.80	248
4000	18.42	8.04	20.10	246	5000	27.67	8.00	28.80	254	6000	30.64	11.91	32.88	249
4025	18.82	7.80	20.37	247	5025	27.85	7.88	28.95	254	6025	30.78	11.89	33.00	249
4050	19.00	7.65	20.48	248	5050	27.93	7.74	28.98	254	6050	30.85	11.98	33.10	249
4075	18.98	7.47	20.39	248	5075	27.79	7.77	28.85	254	6075	31.05	11.81	33.22	249
4100	18.92	7.30	20.28	249	5100	27.64	7.67	28.68	254	6100	31.10	11.77	33.25	249
4125	18.88	7.03	20.14	249	5125	27.70	7.59	28.72	255	6125	31.14	11.71	33.27	249
4150	18.96	6.86	20.16	250	5150	27.92	7.49	28.91	255	6150	31.55	11.50	33.58	250
4175	19.21	6.68	20.34	251	5175	28.26	7.34	29.20	255	6175	32.04	11.64	34.08	250
4200	19.64	6.82	20.79	251	5200	28.53	7.52	29.50	255	6200	32.53	11.78	34.60	250
4225	19.91	7.15	21.16	250	5225	28.80	7.88	29.86	255	6225	33.11	11.95	35.20	250
4250	20.08	7.24	21.35	250	5250	28.98	8.16	30.10	254	6250	33.44	11.74	35.44	250
4275	20.38	7.22	21.62	250	5275	29.02	8.53	30.25	253	6275	33.59	11.57	35.52	251
4300	21.13	6.82	22.20	252	5300	28.91	8.85	30.23	253	6300	33.96	11.60	35.88	251
4325	22.24	6.41	23.14	254	5325	28.77	9.08	30.17	252	6325	34.29	11.62	36.21	251
4350	23.23	6.35	24.08	255	5350	28.80	9.49	30.32	252	6350	34.42	12.04	36.46	251
4375	23.62	6.58	24.52	254	5375	28.70	9.53	30.24	251	6375	34.61	12.23	36.71	250
4400	23.69	6.59	24.59	254	5400	28.62	9.65	30.20	251	6400	34.69	12.33	36.81	250
4425	23.86	6.53	24.74	255	5425	28.54	9.93	30.22	251	6425	34.78	12.59	36.99	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-13 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-03 01/27/65, 1714Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6450	34.84	12.73	37.09	250	7450	37.84	13.39	40.14	250	8450	46.84	3.32	46.96	266
6475	34.92	12.74	37.17	250	7475	37.94	12.91	40.07	251	8475	46.90	3.21	47.01	266
6500	34.94	12.71	37.18	250	7500	37.80	12.71	39.88	251	8500	47.07	3.53	47.20	266
6525	34.91	12.99	37.25	249	7525	37.58	12.93	39.74	251	8525	47.28	3.40	47.41	266
6550	35.01	13.09	37.37	249	7550	37.76	12.65	39.82	251	8550	47.72	3.55	47.85	266
6575	35.16	12.87	37.44	250	7575	38.05	12.24	39.97	252	8575	47.78	4.27	47.97	265
6600	35.43	12.89	37.70	250	7600	38.16	12.00	40.00	252	8600	47.74	4.27	47.93	265
6625	35.45	12.96	37.74	250	7625	38.28	12.35	40.22	252	8625	47.91	4.25	48.10	265
6650	35.41	12.84	37.67	250	7650	38.58	12.34	40.51	252	8650	48.35	4.28	48.54	265
6675	35.68	12.60	37.84	250	7675	38.65	11.75	40.40	253	8675	48.83	4.13	49.01	265
6700	35.71	12.62	37.87	250	7700	38.69	11.65	40.40	253	8700	49.08	4.11	49.25	265
6725	35.82	12.77	38.03	250	7725	38.82	11.52	40.49	253	8725	49.32	3.92	49.47	265
6750	35.92	12.76	38.12	250	7750	38.93	11.08	40.48	254	8750	49.47	3.65	49.61	266
6775	35.83	12.91	38.08	250	7775	39.36	10.55	40.75	255	8775	49.48	3.76	49.62	265
6800	35.96	13.24	38.32	250	7800	39.75	10.10	41.01	256	8800	49.53	3.80	49.67	265
6825	35.99	13.67	38.50	249	7825	39.72	10.35	41.05	255	8825	49.55	3.50	49.68	266
6850	35.99	14.25	38.70	248	7850	39.82	10.15	41.09	256	8850	49.23	4.02	49.39	265
6875	36.00	14.65	38.87	248	7875	40.12	9.81	41.30	256	8875	49.17	4.51	49.38	265
6900	36.14	14.98	39.12	247	7900	40.47	9.58	41.59	256	8900	49.41	4.47	49.61	265
6925	36.30	15.45	39.45	247	7925	40.81	8.84	41.76	258	8925	49.23	4.24	49.41	265
6950	36.55	15.80	39.82	246	7950	41.33	8.30	42.15	258	8950	49.09	4.35	49.29	265
6975	36.86	15.82	40.11	247	7975	41.68	8.32	42.50	259	8975	49.25	4.69	49.48	264
7000	37.08	15.71	40.27	247	8000	42.05	8.43	42.89	258	9000	49.28	4.94	49.53	264
7025	37.44	15.80	40.64	247	8025	42.38	8.18	43.16	259	9025	49.14	5.45	49.45	263
7050	37.87	16.07	41.14	247	8050	42.87	7.34	43.49	260	9050	49.15	5.67	49.47	263
7075	38.79	16.18	42.03	247	8075	43.50	7.36	44.12	260	9075	49.33	5.62	49.65	263
7100	39.23	16.31	42.49	247	8100	44.39	6.86	44.91	261	9100	49.55	5.55	49.86	263
7125	39.15	15.96	42.28	248	8125	44.95	6.25	45.38	262	9125	49.67	5.88	50.01	263
7150	38.96	15.44	41.91	248	8150	45.25	6.36	45.70	262	9150	49.65	6.52	50.07	262
7175	38.74	15.13	41.59	248	8175	45.57	5.83	45.94	263	9175	49.62	6.81	50.09	262
7200	38.66	14.75	41.38	249	8200	45.77	5.15	46.06	263	9200	49.77	6.60	50.21	262
7225	38.62	14.34	41.19	249	8225	46.01	4.77	46.25	264	9225	49.75	6.60	50.19	262
7250	38.52	14.28	41.08	249	8250	46.38	4.66	46.61	264	9250	49.82	7.01	50.31	262
7275	38.43	14.19	40.97	250	8275	46.31	4.60	46.54	264	9275	49.81	7.18	50.32	262
7300	38.33	13.90	40.77	250	8300	46.20	4.46	46.41	264	9300	49.69	6.89	50.16	262
7325	38.29	13.61	40.63	250	8325	46.41	4.38	46.62	264	9325	49.65	7.32	50.19	261
7350	38.14	13.38	40.42	250	8350	46.69	3.94	46.86	265	9350	49.67	7.68	50.26	261
7375	37.89	13.40	40.19	250	8375	46.96	3.65	47.10	265	9375	49.84	6.99	50.33	262
7400	37.85	13.27	40.11	250	8400	46.92	3.76	47.07	265	9400	49.90	7.10	50.40	262
7425	37.91	13.22	40.15	251	8425	46.77	3.70	46.91	265	9425	49.94	7.49	50.50	261

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-03 01/27/65, 1714Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9450	50.14	7.30	50.67	262	10450	42.73	23.10	48.57	241	11450	44.01	16.03	46.83	250
9475	49.95	8.30	50.64	260	10475	43.09	22.24	48.49	243	11475	43.61	15.62	46.33	250
9500	49.90	8.57	50.63	260	10500	43.28	21.63	48.39	243	11500	43.53	14.81	45.98	251
9525	50.41	7.76	51.00	261	10525	43.01	22.03	48.33	243	11525	43.25	14.79	45.71	251
9550	50.58	8.49	51.29	260	10550	42.79	21.99	48.11	243	11550	42.56	13.87	44.77	252
9575	50.47	9.16	51.29	260	10575	43.02	21.50	48.09	243	11575	42.35	13.01	44.31	253
9600	50.48	9.86	51.44	259	10600	43.00	21.95	48.27	243	11600	41.90	13.19	43.92	252
9625	50.62	10.04	51.61	259	10625	43.21	21.89	48.44	243	11625	41.87	12.92	43.82	253
9650	50.63	10.20	51.64	258	10650	43.43	21.00	48.24	244	11650	42.00	11.87	43.65	254
9675	50.68	10.73	51.80	258	10675	43.24	22.05	48.54	243	11675	41.82	11.74	43.43	254
9700	50.69	11.51	51.98	257	10700	43.54	22.40	48.96	243	11700	41.31	11.90	42.99	254
9725	50.91	11.52	52.20	257	10725	43.81	21.97	49.01	243	11725	40.59	11.38	42.15	254
9750	50.95	11.55	52.25	257	10750	43.81	22.23	49.13	243	11750	40.69	10.37	41.99	256
9775	51.14	11.97	52.52	257	10775	43.84	22.14	49.11	243	11775	41.43	9.44	42.49	257
9800	51.30	11.93	52.67	257	10800	44.13	21.62	49.14	244	11800	41.48	10.20	42.72	256
9825	51.15	12.20	52.59	256	10825	44.55	21.73	49.57	244	11825	41.77	10.39	43.04	256
9850	50.93	12.71	52.49	256	10850	44.92	21.51	49.80	244	11850	42.26	9.73	43.36	257
9875	51.01	12.66	52.56	256	10875	45.08	21.60	49.98	244	11875	42.67	8.92	43.59	258
9900	51.39	12.42	52.87	256	10900	45.23	21.17	49.94	245	11900	43.07	8.05	43.81	259
9925	51.59	12.77	53.14	256	10925	45.12	21.10	49.81	245	11925	43.09	8.32	43.88	259
9950	51.76	12.74	53.30	256	10950	44.65	21.19	49.43	244	11950	43.14	8.05	43.89	259
9975	51.83	12.76	53.38	256	10975	44.68	21.15	49.43	244	11975	43.72	6.35	44.18	262
10000	51.93	12.22	53.35	257	11000	44.74	21.61	49.69	244	12000	44.24	5.93	44.64	262
10025	51.94	12.32	53.38	256	11025	45.38	20.64	49.85	245	12025	44.58	6.70	45.08	261
10050	51.90	12.43	53.37	256	11050	45.60	20.78	50.11	245	12050	44.97	6.37	45.42	262
10075	51.90	12.15	53.30	257	11075	45.68	21.01	50.29	245	12075	45.35	5.22	45.65	263
10100	52.07	12.44	53.53	256	11100	46.24	20.31	50.51	246	12100	46.00	6.30	46.43	262
10125	52.39	12.00	53.74	257	11125	46.84	20.18	51.01	247	12125	46.03	7.08	46.57	261
10150	52.50	12.52	53.97	256	11150	47.24	20.20	51.38	247	12150	46.15	6.45	46.60	262
10175	53.01	12.73	54.52	256	11175	47.03	19.96	51.09	247	12175	46.09	6.70	46.57	262
10200	53.61	12.51	55.05	257	11200	47.06	19.07	50.78	248	12200	46.08	7.17	46.63	261
10225	53.46	14.06	55.27	255	11225	47.17	18.53	50.68	248	12225	46.10	6.86	46.61	261
10250	52.81	14.92	54.87	254	11250	47.41	17.79	50.64	249	12250	46.43	6.72	46.91	262
10275	51.48	16.50	54.06	252	11275	47.38	18.49	50.86	248	12275	46.56	6.82	47.05	261
10300	50.30	17.83	53.36	250	11300	46.87	18.84	50.51	248	12300	46.17	7.31	46.75	261
10325	48.55	18.50	51.96	249	11325	46.03	18.99	49.79	247	12325	45.97	7.80	46.63	260
10350	47.17	19.85	51.18	247	11350	45.72	17.70	49.03	249	12350	45.72	8.12	46.44	260
10375	46.05	20.98	50.60	245	11375	45.16	17.18	48.32	249	12375	45.54	7.87	46.21	260
10400	44.77	21.32	49.59	244	11400	44.71	17.16	47.89	249	12400	45.76	7.40	46.35	261
10425	43.53	22.20	48.87	243	11425	44.44	16.24	47.31	250	12425	45.64	7.35	46.23	261

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-13 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-03 01/27/65, 1714Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12450	45.53	8.37	46.30	259										
12475	45.60	8.45	46.37	259										
12500	45.46	8.62	46.27	259										
12525	45.60	8.80	46.44	259										
12550	46.43	7.65	47.06	260										
12575	46.79	8.73	47.60	259										
12600	46.96	9.83	47.98	258										
12625	47.21	9.04	48.06	259										
12650	47.43	10.12	48.49	258										
12675	47.87	10.10	48.92	258										
12700	48.06	10.12	49.11	258										
12725	47.83	11.01	49.08	257										
12750	47.81	11.48	49.17	256										
12775	47.82	11.30	49.13	257										
12800	47.30	10.98	48.56	257										
12825	47.52	12.78	49.21	255										
12850	48.01	12.07	49.50	256										
12875	47.97	11.19	49.26	257										
12900	47.68	11.80	49.12	256										
12925	47.67	11.77	49.10	256										
12950	47.41	13.03	49.17	254										
12975	47.42	13.30	49.25	254										
13000	47.53	12.98	49.27	255										
13025	47.25	13.12	49.04	254										
13050	47.08	13.37	48.94	254										
13075	47.14	13.60	49.07	254										
13100	47.50	14.32	49.61	253										
13125	47.66	14.69	49.87	253										
13150	47.55	13.99	49.57	253										
13175	47.24	13.22	49.06	254										
13200	47.13	12.77	48.83	255										
13225	46.40	14.23	48.53	253										
13250	46.32	14.70	48.59	252										
13275	46.47	14.09	48.56	253										
13300	45.92	15.13	48.35	252										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-14

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-04 01/27/65, 1830Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	1.45	-8.39	8.51	350	1200	14.20	-2.98	14.51	282	2200	19.78	2.93	20.00	261
225	1.59	-7.70	7.86	348	1225	14.01	-2.86	14.30	281	2225	19.93	3.40	20.21	260
250	1.51	-7.14	7.30	348	1250	13.77	-3.19	14.14	283	2250	19.98	3.83	20.35	259
275	1.73	-6.46	6.68	345	1275	13.89	-3.35	14.29	283	2275	20.09	4.11	20.50	258
300	2.56	-5.79	6.33	336	1300	14.14	-3.40	14.54	283	2300	20.22	4.22	20.65	258
325	3.31	-5.72	6.61	330	1325	14.30	-3.51	14.73	284	2325	20.53	4.27	20.97	258
350	3.70	-6.00	7.05	328	1350	14.78	-3.68	15.23	284	2350	20.74	4.44	21.21	258
375	3.96	-5.99	7.18	326	1375	15.07	-3.85	15.56	284	2375	21.13	4.54	21.61	258
400	4.42	-5.71	7.22	322	1400	15.13	-4.00	15.65	285	2400	21.79	4.64	22.28	258
425	4.91	-5.80	7.60	320	1425	15.30	-4.09	15.83	285	2425	22.09	4.79	22.60	258
450	4.78	-5.57	7.34	319	1450	15.67	-3.88	16.14	284	2450	22.25	4.81	22.77	258
475	4.00	-5.14	6.51	322	1475	16.29	-3.12	16.58	281	2475	22.39	5.03	22.95	257
500	3.64	-5.03	6.20	324	1500	16.44	-2.29	16.60	278	2500	22.19	5.41	22.84	256
525	3.54	-4.77	5.94	323	1525	16.28	-1.66	16.37	276	2525	21.80	5.67	22.52	255
550	3.55	-3.89	5.27	317	1550	16.15	-1.15	16.19	274	2550	21.56	5.84	22.33	255
575	4.11	-3.25	5.24	308	1575	16.10	-0.76	16.12	273	2575	21.26	6.06	22.11	254
600	4.73	-3.38	5.81	305	1600	16.14	-0.56	16.15	272	2600	20.97	6.15	21.85	253
625	5.41	-2.97	6.17	299	1625	16.30	-0.60	16.31	272	2625	20.58	6.24	21.50	253
650	5.91	-2.49	6.42	293	1650	16.70	-0.92	16.72	273	2650	19.84	6.45	20.86	252
675	6.28	-2.53	6.77	292	1675	16.95	-1.20	16.99	274	2675	18.84	6.67	19.99	250
700	6.80	-2.52	7.25	290	1700	16.80	-1.18	16.84	274	2700	18.11	6.91	19.38	249
725	7.11	-2.34	7.48	288	1725	16.82	-1.10	16.86	274	2725	17.60	7.14	18.99	248
750	7.10	-2.25	7.44	287	1750	17.15	-1.10	17.18	273	2750	17.37	7.49	18.92	246
775	6.92	-2.25	7.28	288	1775	17.19	-1.17	17.23	274	2775	17.33	7.59	18.92	246
800	6.73	-2.24	7.10	288	1800	16.99	-1.14	17.03	274	2800	17.19	7.59	18.79	246
825	6.90	-2.52	7.35	290	1825	16.90	-1.13	16.93	274	2825	17.27	7.67	18.90	246
850	7.42	-2.99	8.00	292	1850	16.96	-1.19	17.00	274	2850	17.46	7.58	19.04	246
875	8.05	-3.26	8.69	292	1875	17.01	-1.10	17.04	274	2875	17.39	7.58	18.97	246
900	8.49	-3.17	9.07	290	1900	16.83	-1.02	16.86	273	2900	17.20	7.72	18.86	246
925	8.96	-3.27	9.54	290	1925	16.57	-0.86	16.59	273	2925	17.09	7.86	18.81	245
950	9.02	-3.29	9.60	290	1950	16.54	-0.56	16.55	272	2950	16.85	8.07	18.68	244
975	9.02	-3.65	9.72	292	1975	16.81	-0.22	16.81	271	2975	16.93	8.51	18.95	243
1000	9.96	-4.51	10.93	294	2000	17.52	0.01	17.52	270	3000	17.27	9.09	19.51	242
1025	10.83	-5.07	11.96	295	2025	18.19	0.06	18.19	270	3025	17.03	9.81	19.65	240
1050	11.28	-5.41	12.51	295	2050	18.64	0.25	18.65	269	3050	16.71	10.48	19.72	238
1075	11.42	-5.52	12.68	296	2075	18.90	0.61	18.91	268	3075	16.64	10.94	19.92	236
1100	11.94	-5.25	13.04	294	2100	19.03	1.17	19.07	266	3100	16.81	11.37	20.29	236
1125	12.97	-4.63	13.77	289	2125	19.27	1.76	19.35	265	3125	17.03	11.64	20.63	235
1150	13.71	-4.05	14.30	286	2150	19.52	2.24	19.65	263	3150	17.15	11.66	20.73	236
1175	14.03	-3.56	14.47	284	2175	19.62	2.58	19.79	262	3175	17.21	11.57	20.74	236

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-04 01/27/65, 1830Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	17.52	11.56	20.99	236	4200	18.83	8.38	20.61	246	5200	29.69	8.56	30.89	254
3225	17.76	11.68	21.26	236	4225	19.08	8.13	20.74	247	5225	29.73	8.35	30.88	254
3250	17.56	11.97	21.25	236	4250	18.99	7.91	20.57	247	5250	29.84	8.21	30.95	254
3275	17.38	12.21	21.24	235	4275	19.00	7.69	20.50	248	5275	29.98	8.22	31.08	254
3300	17.30	12.21	21.17	235	4300	19.40	7.80	20.91	248	5300	30.18	8.21	31.28	255
3325	17.06	12.16	20.95	234	4325	20.00	8.28	21.65	247	5325	30.47	8.14	31.54	255
3350	16.61	12.02	20.50	234	4350	20.59	8.77	22.37	247	5350	30.71	8.17	31.78	255
3375	16.85	12.05	20.71	234	4375	21.17	9.12	23.05	247	5375	31.07	8.46	32.20	255
3400	17.23	12.22	21.12	234	4400	21.77	9.22	23.64	247	5400	31.25	8.89	32.49	254
3425	16.85	12.26	20.84	234	4425	22.55	9.32	24.40	247	5425	31.21	9.24	32.55	253
3450	16.80	12.27	20.80	234	4450	23.64	9.12	25.34	249	5450	31.15	9.45	32.55	253
3475	16.85	12.26	20.84	234	4475	24.90	8.83	26.42	250	5475	31.10	10.07	32.69	252
3500	16.70	12.18	20.67	234	4500	25.79	8.74	27.23	251	5500	31.05	10.42	32.75	251
3525	16.84	11.95	20.65	234	4525	26.43	8.54	27.77	252	5525	30.88	10.53	32.63	251
3550	17.19	11.64	20.76	236	4550	26.83	8.29	28.08	253	5550	30.76	10.85	32.62	250
3575	17.25	11.61	20.79	236	4575	27.17	8.21	28.38	253	5575	30.72	11.19	32.70	250
3600	17.13	11.56	20.66	236	4600	27.64	8.07	28.79	254	5600	30.66	11.52	32.75	249
3625	17.20	11.38	20.62	236	4625	28.18	8.35	29.39	253	5625	30.85	11.58	32.95	249
3650	17.34	11.38	20.74	237	4650	28.56	9.07	29.96	252	5650	31.18	11.53	33.25	250
3675	17.45	11.28	20.78	237	4675	28.45	9.09	29.86	252	5675	31.23	11.55	33.30	250
3700	17.61	11.12	20.83	238	4700	28.34	8.92	29.71	252	5700	31.25	11.83	33.41	249
3725	17.81	11.04	20.96	238	4725	28.32	8.84	29.66	252	5725	31.21	12.10	33.48	249
3750	17.84	11.07	21.00	238	4750	28.44	8.77	29.76	253	5750	31.17	12.23	33.49	248
3775	17.98	10.80	20.98	239	4775	28.60	8.84	29.94	253	5775	31.29	12.42	33.67	248
3800	18.41	10.19	21.04	241	4800	28.58	8.80	29.90	253	5800	31.39	12.64	33.84	248
3825	18.67	9.62	21.00	243	4825	28.57	8.63	29.85	253	5825	31.66	12.55	34.06	248
3850	18.67	9.43	20.91	243	4850	28.54	8.59	29.81	253	5850	31.82	12.37	34.14	249
3875	18.65	9.58	20.97	243	4875	28.58	8.61	29.85	253	5875	32.00	12.41	34.32	249
3900	18.74	9.68	21.09	242	4900	28.74	8.49	29.97	253	5900	32.04	12.30	34.32	249
3925	18.80	9.54	21.08	243	4925	28.95	8.49	30.17	253	5925	31.95	12.23	34.21	249
3950	18.88	9.39	21.09	243	4950	29.04	8.57	30.28	253	5950	31.95	12.33	34.24	249
3975	19.01	9.44	21.22	243	4975	28.91	8.46	30.12	254	5975	31.81	12.47	34.17	248
4000	18.79	9.54	21.08	243	5000	29.07	8.47	30.28	254	6000	31.86	12.53	34.24	248
4025	18.71	9.56	21.01	243	5025	29.28	8.76	30.56	253	6025	31.78	12.46	34.13	248
4050	18.73	9.29	20.91	243	5050	29.36	8.68	30.62	253	6050	31.58	12.63	34.01	248
4075	18.44	8.92	20.48	244	5075	29.59	8.64	30.83	254	6075	31.64	12.77	34.12	248
4100	18.36	8.79	20.35	244	5100	29.55	8.60	30.77	254	6100	31.68	12.75	34.15	248
4125	18.48	8.68	20.42	245	5125	29.40	8.51	30.61	254	6125	31.69	12.90	34.21	248
4150	18.51	8.58	20.40	245	5150	29.61	8.64	30.84	254	6150	31.67	13.06	34.25	247
4175	18.56	8.53	20.42	245	5175	29.75	8.62	30.97	254	6175	31.99	12.79	34.46	248

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-14 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-04 01/27/65, 1830Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	32.77	12.08	34.93	250	7200	38.06	16.29	41.40	247	8200	43.31	9.13	44.27	258
6225	33.51	11.45	35.42	251	7225	38.06	16.22	41.37	247	8225	43.84	8.99	44.76	258
6250	34.45	10.93	36.14	252	7250	38.13	16.08	41.38	247	8250	44.19	9.05	45.10	258
6275	35.34	10.28	36.80	254	7275	38.19	15.68	41.29	248	8275	44.41	8.48	45.21	259
6300	35.89	10.15	37.30	254	7300	38.12	15.79	41.26	247	8300	45.33	8.02	46.04	260
6325	36.09	10.41	37.57	254	7325	38.16	15.65	41.25	248	8325	46.18	7.80	46.83	260
6350	36.03	10.50	37.53	254	7350	38.16	15.06	41.02	248	8350	46.83	7.38	47.40	261
6375	36.07	10.71	37.63	253	7375	38.09	14.83	40.87	249	8375	47.76	6.47	48.19	262
6400	36.06	11.45	37.83	252	7400	38.04	14.83	40.83	249	8400	48.40	6.36	48.82	262
6425	36.06	11.98	38.00	251	7425	38.27	14.92	41.08	249	8425	48.70	6.68	49.16	262
6450	36.09	12.78	38.29	250	7450	38.32	15.00	41.15	248	8450	48.78	6.79	49.25	262
6475	36.09	13.64	38.59	249	7475	38.29	15.00	41.12	248	8475	48.72	7.53	49.30	261
6500	36.04	14.17	38.73	248	7500	38.42	14.93	41.21	249	8500	49.15	6.91	49.63	262
6525	35.98	14.59	38.83	248	7525	38.43	14.94	41.23	249	8525	49.53	6.44	49.95	262
6550	35.96	14.65	38.84	248	7550	38.45	14.90	41.23	249	8550	49.71	6.42	50.12	262
6575	35.91	14.70	38.80	248	7575	38.52	14.79	41.26	249	8575	49.62	6.03	49.99	263
6600	35.92	14.99	38.92	247	7600	38.70	14.67	41.38	249	8600	49.32	5.77	49.65	263
6625	35.79	15.20	38.89	247	7625	38.81	14.80	41.53	249	8625	49.06	5.13	49.33	264
6650	35.46	15.64	38.76	246	7650	38.71	14.96	41.50	249	8650	49.00	4.94	49.25	264
6675	35.22	15.66	38.55	246	7675	38.84	14.47	41.45	249	8675	49.45	5.06	49.71	264
6700	35.16	15.45	38.41	246	7700	38.89	14.19	41.40	250	8700	49.69	4.90	49.93	264
6725	35.13	15.51	38.40	246	7725	38.89	14.17	41.39	250	8725	49.80	4.61	50.02	265
6750	34.97	15.53	38.26	246	7750	39.10	13.85	41.48	250	8750	49.66	4.78	49.89	264
6775	35.14	15.16	38.27	246	7775	39.14	14.10	41.61	250	8775	49.68	4.52	49.88	265
6800	35.65	14.93	38.65	247	7800	39.52	13.72	41.83	251	8800	50.04	3.83	50.19	265
6825	36.14	14.99	39.13	247	7825	39.88	13.40	42.07	251	8825	50.22	3.99	50.38	265
6850	36.77	15.19	39.79	247	7850	39.75	13.57	42.00	251	8850	50.48	4.26	50.66	265
6875	37.45	15.64	40.59	247	7875	39.61	13.11	41.72	251	8875	50.68	4.72	50.90	264
6900	37.82	15.60	40.92	247	7900	39.63	12.54	41.57	252	8900	50.68	4.83	50.91	264
6925	38.10	15.37	41.09	248	7925	39.75	12.08	41.55	253	8925	50.72	4.85	50.95	264
6950	38.25	15.32	41.21	248	7950	39.74	12.09	41.54	253	8950	50.71	5.43	51.00	264
6975	38.27	15.38	41.24	248	7975	40.34	11.73	42.01	254	8975	50.93	5.33	51.21	264
7000	38.34	15.36	41.30	248	8000	40.82	11.17	42.32	255	9000	51.04	5.30	51.32	264
7025	38.44	15.35	41.39	248	8025	41.50	10.97	42.93	255	9025	51.01	5.83	51.34	263
7050	38.67	15.43	41.64	248	8050	41.96	10.80	43.32	255	9050	51.13	5.83	51.46	263
7075	38.73	15.83	41.84	248	8075	42.08	10.62	43.40	256	9075	51.24	5.92	51.58	263
7100	38.70	16.44	42.05	247	8100	42.19	10.40	43.45	256	9100	51.07	6.63	51.50	262
7125	38.80	16.92	42.33	246	8125	42.60	9.76	43.71	257	9125	51.03	6.55	51.45	263
7150	38.77	17.01	42.34	246	8150	42.99	9.68	44.07	257	9150	51.23	6.40	51.63	263
7175	38.38	16.80	41.89	246	8175	43.28	9.59	44.33	257	9175	51.30	7.19	51.80	262

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-04 01/27/65, 1830Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	51.37	6.97	51.84	262	10200	53.93	18.28	56.94	251	11200	44.43	15.96	47.21	250
9225	51.13	6.99	51.61	262	10225	51.94	19.05	55.32	250	11225	44.50	15.17	47.01	251
9250	50.79	7.51	51.34	261	10250	50.98	19.41	54.55	249	11250	43.86	15.15	46.40	251
9275	51.07	7.26	51.59	262	10275	49.87	20.50	53.92	247	11275	42.52	16.44	45.58	249
9300	51.15	7.34	51.68	262	10300	48.99	21.07	53.32	247	11300	42.38	15.98	45.29	249
9325	51.17	7.01	51.65	262	10325	47.92	21.72	52.61	245	11325	42.14	14.92	44.70	250
9350	51.38	7.41	51.91	262	10350	47.66	22.09	52.53	245	11350	42.31	14.27	44.65	251
9375	51.40	7.74	51.98	261	10375	47.00	22.77	52.23	244	11375	42.47	14.06	44.73	251
9400	51.74	7.49	52.28	262	10400	46.54	22.66	51.77	244	11400	42.29	13.54	44.41	252
9425	51.98	7.60	52.54	262	10425	46.45	22.49	51.61	244	11425	42.68	12.88	44.58	253
9450	52.03	8.00	52.64	261	10450	46.53	22.36	51.62	244	11450	42.94	13.05	44.88	253
9475	52.05	8.39	52.72	261	10475	46.00	22.88	51.37	243	11475	42.92	13.37	44.95	253
9500	51.97	8.34	52.64	261	10500	45.35	23.32	50.99	243	11500	43.24	12.88	45.12	253
9525	51.99	8.55	52.69	260	10525	45.10	23.21	50.72	243	11525	44.35	11.50	45.82	255
9550	52.01	8.76	52.75	260	10550	44.92	22.55	50.26	243	11550	44.96	11.35	46.37	256
9575	52.03	8.98	52.80	260	10575	45.27	21.81	50.25	244	11575	45.26	11.03	46.59	256
9600	52.06	9.19	52.86	260	10600	45.55	22.03	50.60	244	11600	45.42	10.34	46.58	257
9625	52.08	9.40	52.92	260	10625	45.58	22.60	50.87	243	11625	45.43	10.37	46.60	257
9650	52.10	9.61	52.98	259	10650	45.75	22.29	50.89	244	11650	45.59	10.25	46.73	257
9675	52.12	9.83	53.04	259	10675	45.62	21.84	50.58	244	11675	46.06	9.41	47.01	258
9700	52.14	10.04	53.10	259	10700	45.77	21.73	50.67	244	11700	46.25	9.12	47.14	259
9725	52.16	10.25	53.16	259	10725	45.81	21.50	50.61	245	11725	46.42	9.24	47.34	259
9750	52.18	10.46	53.22	258	10750	46.03	21.87	50.96	244	11750	46.46	9.09	47.34	259
9775	52.21	11.18	53.39	258	10775	46.76	21.70	51.55	245	11775	46.88	9.16	47.77	259
9800	51.91	12.01	53.28	257	10800	47.28	21.17	51.81	246	11800	47.08	8.81	47.90	259
9825	51.80	12.39	53.26	256	10825	47.28	20.60	51.57	246	11825	47.24	8.19	47.95	260
9850	51.97	12.58	53.47	256	10850	47.00	20.11	51.12	247	11850	47.41	8.02	48.09	260
9875	52.18	13.28	53.85	256	10875	47.02	19.81	51.02	247	11875	48.89	6.49	49.32	262
9900	52.61	14.02	54.44	255	10900	47.56	19.19	51.28	248	11900	49.28	6.25	49.67	263
9925	52.74	13.96	54.56	255	10925	47.91	18.61	51.40	249	11925	49.58	6.02	49.95	263
9950	53.00	13.65	54.73	255	10950	47.75	18.56	51.23	249	11950	49.54	5.46	49.84	264
9975	53.37	13.63	55.09	255	10975	47.41	18.57	50.92	248	11975	49.00	4.82	49.24	264
10000	54.00	13.53	55.67	256	11000	47.01	18.14	50.39	249	12000	49.33	3.34	49.45	266
10025	54.22	13.37	55.85	256	11025	46.81	16.96	49.78	250	12025	49.33	3.57	49.46	266
10050	54.17	13.41	55.80	256	11050	46.67	17.90	49.98	249	12050	49.00	3.63	49.13	266
10075	54.30	13.70	56.00	256	11075	46.68	18.02	50.04	249	12075	48.30	3.45	48.43	266
10100	54.67	13.59	56.33	256	11100	46.60	17.40	49.74	249	12100	47.14	3.13	47.24	266
10125	55.48	14.35	57.30	255	11125	46.06	16.71	49.00	250	12125	46.84	2.56	46.91	267
10150	55.70	15.62	57.85	254	11150	45.59	15.78	48.25	251	12150	46.55	2.67	46.62	267
10175	55.15	16.86	57.67	253	11175	44.88	15.87	47.60	250	12175	46.38	2.39	46.44	267

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-14 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-04 01/27/65, 1830Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	46.18	2.67	46.25	267	13200	45.24	10.73	46.49	256	14200	27.73	14.85	31.45	242
12225	45.87	2.45	45.93	267	13225	45.11	11.80	46.63	255	14225	27.59	15.07	31.44	241
12250	45.51	1.86	45.55	267	13250	44.89	12.73	46.66	254	14250	27.48	14.53	31.09	242
12275	45.17	2.71	45.25	266	13275	44.65	12.93	46.48	254	14275	27.21	13.95	30.57	243
12300	45.03	2.84	45.11	266	13300	44.39	14.83	46.80	251	14300	27.03	14.46	30.65	242
12325	44.95	2.94	45.05	266	13325	44.30	14.82	46.72	251	14325	26.95	14.25	30.49	242
12350	45.42	2.49	45.49	267	13350	43.94	15.01	46.43	251	14350	27.06	13.79	30.37	243
12375	45.46	2.92	45.56	266	13375	43.76	16.34	46.72	249	14375	27.44	12.95	30.35	245
12400	45.60	4.29	45.81	264	13400	43.80	16.42	46.77	249	14400	27.44	13.00	30.36	244
12425	46.12	4.05	46.30	265	13425	43.30	17.64	46.75	248	14425	27.29	12.39	29.97	245
12450	45.98	3.73	46.13	265	13450	42.75	18.52	46.59	246	14450	27.21	11.21	29.43	247
12475	45.56	4.43	45.78	264	13475	41.62	20.36	46.33	244	14475	27.48	11.19	29.67	248
12500	45.94	4.03	46.11	265	13500	41.65	19.85	46.14	244	14500	27.39	11.32	29.64	247
12525	46.23	4.59	46.46	264	13525	41.60	18.35	45.46	246	14525	27.28	11.26	29.51	247
12550	46.17	5.51	46.50	263	13550	40.46	20.47	45.34	243	14550	27.15	11.04	29.31	248
12575	45.93	6.14	46.34	262	13575	39.87	21.69	45.39	241	14575	27.00	9.99	28.79	250
12600	45.55	6.88	46.07	261	13600	39.36	22.08	45.13	241	14600	26.92	10.28	28.82	249
12625	46.42	6.89	46.93	261	13625	39.02	21.97	44.78	240	14625	26.30	11.14	28.56	247
12650	47.02	7.09	47.56	261	13650	38.36	22.70	44.57	239	14650	26.38	9.49	28.04	250
12675	45.39	8.02	46.09	260	13675	37.90	23.55	44.62	238	14675	26.01	8.86	27.48	251
12700	45.20	7.80	45.87	260	13700	37.19	24.10	44.32	237	14700	25.37	10.43	27.43	247
12725	45.13	8.44	45.91	259	13725	35.77	24.07	43.11	236	14725	25.71	8.69	27.14	251
12750	45.75	9.31	46.69	258	13750	34.04	24.43	41.90	234	14750	25.90	8.28	27.19	252
12775	46.26	9.35	47.20	258	13775	33.56	24.74	41.69	233	14775	26.39	7.39	27.40	254
12800	46.15	10.82	47.40	257	13800	33.54	24.76	41.69	233	14800	26.63	6.67	27.45	256
12825	45.46	11.97	47.01	255	13825	33.32	24.78	41.52	233	14825	26.28	7.37	27.30	254
12850	45.77	10.88	47.04	256	13850	32.99	23.74	40.65	234	14850	25.93	7.74	27.06	253
12875	45.97	10.83	47.23	257	13875	32.88	23.39	40.35	234	14875	26.60	6.24	27.32	257
12900	45.99	11.02	47.29	256	13900	33.27	22.82	40.35	235	14900	26.81	6.38	27.56	256
12925	46.00	10.90	47.27	256	13925	33.32	22.45	40.18	236	14925	26.79	6.05	27.47	257
12950	45.72	11.48	47.14	256	13950	33.63	21.56	39.95	237	14950	26.66	6.22	27.37	257
12975	45.93	11.44	47.33	256	13975	33.68	20.41	39.38	239	14975	26.29	6.72	27.14	255
13000	46.05	10.69	47.28	257	14000	32.99	19.73	38.44	239	15000	26.50	5.68	27.10	258
13025	45.68	11.82	47.19	255	14025	32.25	18.37	37.11	240	15025	26.36	6.01	27.03	257
13050	45.75	11.75	47.23	255	14050	31.36	17.39	35.86	241	15050	26.08	6.28	26.83	256
13075	45.84	11.20	47.19	256	14075	30.34	16.99	34.77	241	15075	25.92	5.89	26.58	257
13100	45.73	11.84	47.23	255	14100	29.03	17.27	33.78	239	15100	25.60	5.56	26.19	258
13125	45.29	11.51	46.73	256	14125	28.23	16.36	32.62	240	15125	25.63	5.54	26.23	258
13150	45.03	11.16	46.39	256	14150	27.85	15.27	31.76	241	15150	25.32	5.65	25.94	257
13175	45.20	11.15	46.55	256	14175	27.68	15.38	31.66	241	15175	24.82	4.98	25.32	258

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-04 01/27/65, 1830Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	24.88	4.90	25.36	259	16200	18.91	8.22	20.61	246					
15225	24.71	4.62	25.14	259	16225	18.94	9.09	21.01	244					
15250	24.43	4.23	24.80	260										
15275	24.33	3.32	24.56	262										
15300	24.03	3.01	24.21	263										
15325	24.50	3.07	24.69	263										
15350	24.80	1.24	24.83	267										
15375	24.98	0.10	24.98	270										
15400	25.09	0.82	25.11	268										
15425	25.52	-0.45	25.53	271										
15450	25.57	-1.31	25.60	273										
15475	25.33	-3.52	25.57	278										
15500	25.56	-1.70	25.62	274										
15525	25.76	-2.28	25.86	275										
15550	25.52	-2.66	25.66	276										
15575	24.70	-0.42	24.70	271										
15600	26.48	-3.25	26.68	277										
15625	26.53	-3.58	26.77	278										
15650	26.39	-3.80	26.66	278										
15675	26.95	-4.93	27.39	280										
15700	27.46	-5.99	28.11	282										
15725	27.27	-6.51	28.03	283										
15750	26.06	-7.01	26.99	285										
15775	24.47	-4.87	24.95	281										
15800	24.16	-4.69	24.61	281										
15825	23.62	-4.01	23.95	279										
15850	22.52	-2.07	22.61	275										
15875	21.51	-1.40	21.56	274										
15900	21.18	-0.83	21.19	272										
15925	20.99	-0.46	20.99	271										
15950	20.67	1.88	20.76	265										
15975	20.52	1.90	20.61	265										
16000	19.35	2.86	19.56	261										
16025	19.42	3.67	19.76	259										
16050	19.22	3.93	19.62	258										
16075	19.16	5.69	19.98	253										
16100	19.64	5.21	20.32	255										
16125	19.23	6.24	20.22	252										
16150	18.55	8.35	20.35	246										
16175	18.71	7.84	20.29	247										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-15

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-06 01/27/65, 2129Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
300	1.51	-4.53	4.78	341	1300	10.15	-7.09	12.38	305	2300	15.90	1.08	15.94	266
325	2.49	-3.85	4.58	327	1325	10.25	-6.85	12.33	304	2325	15.98	1.01	16.01	266
350	3.27	-3.49	4.78	317	1350	10.30	-6.45	12.16	302	2350	16.17	0.85	16.19	267
375	3.51	-3.35	4.86	313	1375	10.43	-5.98	12.02	300	2375	16.31	0.68	16.32	267
400	3.75	-3.13	4.89	310	1400	10.57	-5.79	12.05	299	2400	16.73	0.55	16.74	268
425	4.33	-2.90	5.21	304	1425	10.99	-5.62	12.35	297	2425	17.47	0.62	17.49	268
450	4.93	-2.59	5.57	297	1450	11.07	-5.07	12.18	294	2450	17.83	0.94	17.86	267
475	5.11	-2.37	5.63	295	1475	11.12	-4.62	12.05	292	2475	18.25	1.29	18.29	266
500	5.33	-2.49	5.88	295	1500	11.31	-4.27	12.08	291	2500	18.92	1.48	18.98	265
525	5.87	-2.75	6.48	295	1525	11.43	-3.80	12.05	288	2525	19.75	1.21	19.79	266
550	6.14	-2.89	6.79	295	1550	11.60	-3.62	12.15	287	2550	20.52	0.66	20.53	268
575	6.26	-3.00	6.94	295	1575	11.66	-3.61	12.21	287	2575	20.77	0.28	20.78	269
600	6.37	-3.06	7.07	295	1600	11.79	-3.64	12.34	287	2600	21.24	0.19	21.24	269
625	6.43	-3.28	7.22	297	1625	12.00	-3.45	12.48	286	2625	21.62	0.30	21.63	269
650	6.62	-3.48	7.48	298	1650	12.12	-3.01	12.49	284	2650	21.26	0.56	21.26	268
675	6.80	-3.46	7.63	297	1675	12.32	-2.55	12.59	282	2675	21.36	0.94	21.38	267
700	6.90	-3.42	7.70	296	1700	12.78	-2.07	12.94	279	2700	21.44	1.26	21.48	266
725	7.13	-3.51	7.95	296	1725	13.22	-1.73	13.33	277	2725	20.91	1.47	20.96	266
750	7.54	-3.78	8.44	296	1750	13.45	-1.43	13.53	276	2750	20.64	1.53	20.69	266
775	7.68	-4.07	8.69	298	1775	13.63	-1.10	13.68	274	2775	20.41	1.74	20.48	265
800	7.24	-4.28	8.41	300	1800	13.91	-0.93	13.94	274	2800	20.27	2.25	20.39	263
825	6.67	-4.59	8.09	304	1825	14.33	-1.05	14.37	274	2825	20.81	2.67	20.98	263
850	6.42	-4.95	8.11	307	1850	14.67	-1.21	14.72	275	2850	21.53	2.87	21.72	262
875	6.57	-5.29	8.44	309	1875	14.67	-1.21	14.72	275	2875	21.91	2.92	22.10	262
900	6.74	-5.61	8.77	310	1900	14.63	-0.89	14.66	273	2900	22.21	3.06	22.42	262
925	6.94	-6.02	9.19	311	1925	14.83	-0.64	14.84	272	2925	22.46	3.30	22.70	261
950	7.50	-6.63	10.01	311	1950	15.24	-0.73	15.25	273	2950	22.49	3.57	22.77	261
975	8.49	-7.25	11.16	310	1975	15.65	-0.72	15.67	272	2975	22.43	3.73	22.74	260
1000	9.43	-7.43	12.00	308	2000	15.97	-0.48	15.97	272	3000	22.19	3.86	22.52	260
1025	10.09	-7.20	12.40	305	2025	16.04	-0.04	16.04	270	3025	21.79	4.09	22.17	259
1050	10.24	-7.00	12.40	304	2050	15.86	0.51	15.87	268	3050	21.60	4.32	22.03	259
1075	10.00	-7.05	12.23	305	2075	15.80	0.89	15.82	267	3075	21.52	4.60	22.01	258
1100	9.56	-7.28	12.02	307	2100	15.85	1.16	15.89	266	3100	21.26	4.97	21.83	257
1125	8.82	-7.47	11.56	310	2125	16.02	1.33	16.07	265	3125	20.87	5.41	21.56	255
1150	8.62	-7.88	11.68	312	2150	16.15	1.34	16.20	265	3150	20.87	5.73	21.64	254
1175	8.80	-8.08	11.95	312	2175	16.06	1.27	16.11	265	3175	21.02	6.07	21.88	254
1200	8.96	-7.70	11.81	310	2200	16.07	1.21	16.12	266	3200	21.09	6.51	22.07	253
1225	9.31	-7.50	11.96	309	2225	15.97	1.25	16.02	265	3225	21.20	6.67	22.22	252
1250	9.53	-7.26	11.98	307	2250	15.80	1.32	15.86	265	3250	21.20	6.73	22.24	252
1275	9.74	-7.09	12.05	306	2275	15.79	1.22	15.83	265	3275	21.05	6.98	22.18	251

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-06 01/27/65, 2129Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3300	21.05	7.34	22.29	251	4300	27.12	10.94	29.24	248	5300	30.89	11.15	32.84	250
3325	21.12	7.62	22.45	250	4325	27.21	10.91	29.32	248	5325	31.70	11.35	33.67	250
3350	20.95	7.95	22.41	249	4350	27.51	10.92	29.60	248	5350	31.92	11.82	34.04	249
3375	20.83	8.28	22.41	248	4375	27.65	10.92	29.73	248	5375	31.60	12.31	33.91	249
3400	20.70	8.41	22.34	248	4400	27.58	10.82	29.62	248	5400	31.63	12.67	34.08	248
3425	20.48	8.38	22.13	248	4425	27.60	10.67	29.59	249	5425	32.00	13.19	34.61	247
3450	20.40	8.39	22.06	247	4450	27.80	10.33	29.66	249	5450	32.17	13.48	34.88	247
3475	20.47	8.49	22.16	247	4475	28.18	9.78	29.83	251	5475	31.97	13.63	34.75	247
3500	20.79	8.60	22.50	247	4500	28.28	9.29	29.77	252	5500	32.04	13.81	34.88	247
3525	21.01	8.66	22.72	247	4525	28.05	9.09	29.49	252	5525	32.30	14.10	35.24	246
3550	21.05	8.77	22.80	247	4550	28.28	9.07	29.70	252	5550	32.16	14.22	35.17	246
3575	21.22	9.06	23.08	247	4575	28.68	8.87	30.02	253	5575	32.03	14.14	35.01	246
3600	21.35	9.43	23.34	246	4600	28.63	8.55	29.88	253	5600	32.19	14.12	35.15	246
3625	21.55	9.75	23.65	245	4625	28.53	8.38	29.74	253	5625	32.42	14.21	35.40	246
3650	21.63	9.99	23.83	245	4650	29.14	8.20	30.28	254	5650	32.27	14.18	35.25	246
3675	21.61	10.24	23.91	244	4675	30.34	7.93	31.36	255	5675	31.98	14.08	34.94	246
3700	21.75	10.52	24.16	244	4700	31.13	7.77	32.08	256	5700	32.16	14.05	35.10	246
3725	21.88	10.97	24.48	243	4725	31.00	7.71	31.94	256	5725	32.73	13.99	35.59	247
3750	21.98	11.33	24.73	243	4750	30.71	7.71	31.66	256	5750	33.08	13.69	35.80	247
3775	22.15	11.49	24.95	242	4775	30.70	7.91	31.70	255	5775	33.31	13.17	35.82	248
3800	22.32	11.70	25.20	242	4800	30.66	8.25	31.75	255	5800	33.94	12.84	36.29	249
3825	22.69	11.96	25.64	242	4825	30.37	8.47	31.53	254	5825	34.74	12.61	36.96	250
3850	23.24	12.25	26.27	242	4850	29.91	8.63	31.13	254	5850	35.24	12.31	37.33	251
3875	23.65	12.49	26.74	242	4875	29.80	8.93	31.11	253	5875	35.59	11.84	37.51	251
3900	23.79	12.53	26.89	242	4900	29.97	9.09	31.32	253	5900	36.07	11.63	37.90	252
3925	23.76	12.67	26.93	242	4925	30.20	9.14	31.55	253	5925	36.71	11.40	38.44	253
3950	23.80	12.86	27.05	241	4950	30.16	9.06	31.49	253	5950	37.54	11.00	39.12	253
3975	24.29	12.98	27.54	242	4975	30.11	9.15	31.47	253	5975	38.23	10.72	39.70	254
4000	24.89	13.20	28.17	242	5000	30.29	9.42	31.72	253	6000	39.05	10.30	40.38	255
4025	25.46	13.36	28.76	242	5025	30.51	9.74	32.03	252	6025	40.01	10.23	41.30	255
4050	25.79	13.46	29.09	242	5050	30.29	9.98	31.89	252	6050	40.82	10.57	42.16	255
4075	25.84	13.45	29.13	242	5075	29.97	10.00	31.60	251	6075	41.12	10.53	42.44	255
4100	25.73	13.29	28.96	243	5100	30.03	10.18	31.71	251	6100	41.28	10.53	42.60	256
4125	23.61	12.08	26.52	243	5125	30.18	10.60	31.99	250	6125	41.77	10.92	43.17	255
4150	23.74	11.77	26.49	243	5150	30.25	10.84	32.14	250	6150	41.85	11.19	43.32	255
4175	25.94	12.16	28.65	245	5175	29.82	10.63	31.66	250	6175	41.25	11.27	42.76	255
4200	26.38	11.66	28.84	246	5200	29.77	10.49	31.56	250	6200	41.00	11.43	42.56	254
4225	26.88	11.42	29.20	247	5225	30.26	10.65	32.08	250	6225	41.03	11.84	42.71	254
4250	27.20	11.32	29.46	247	5250	30.20	10.89	32.10	250	6250	40.80	12.25	42.60	253
4275	27.24	11.13	29.43	248	5275	30.19	11.02	32.14	250	6275	40.57	12.52	42.46	253

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-15 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-06 01/27/65, 2129Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6300	40.63	12.92	42.63	252	7300	42.24	15.52	45.00	250	8300	46.14	7.42	46.73	261
6325	40.77	13.40	42.91	252	7325	42.45	15.47	45.18	250	8325	46.45	7.56	47.06	261
6350	40.49	13.84	42.79	251	7350	42.47	15.47	45.20	250	8350	46.99	7.31	47.56	261
6375	39.87	14.59	42.46	250	7375	42.34	15.28	45.02	250	8375	47.25	6.97	47.76	261
6400	39.66	15.08	42.43	249	7400	42.23	14.97	44.81	250	8400	47.62	6.63	48.08	262
6425	39.77	15.59	42.72	248	7425	42.30	14.98	44.88	250	8425	47.79	6.87	48.28	262
6450	39.73	16.38	42.97	247	7450	42.38	14.73	44.87	251	8450	47.93	6.77	48.40	262
6475	39.14	17.22	42.77	246	7475	42.34	14.16	44.65	251	8475	48.32	6.00	48.69	263
6500	38.55	17.73	42.43	245	7500	42.37	14.26	44.70	251	8500	48.43	5.97	48.79	263
6525	38.38	17.65	42.24	245	7525	42.53	14.38	44.90	251	8525	48.45	6.23	48.85	262
6550	38.32	17.84	42.27	245	7550	42.73	14.30	45.06	251	8550	48.73	6.14	49.12	263
6575	38.14	18.15	42.23	244	7575	42.77	14.18	45.06	251	8575	49.21	5.75	49.54	263
6600	37.84	18.36	42.06	244	7600	42.64	13.75	44.80	252	8600	49.57	5.73	49.90	263
6625	37.72	18.72	42.11	243	7625	42.74	13.67	44.87	252	8625	49.72	5.87	50.07	263
6650	37.68	18.69	42.06	243	7650	43.02	13.65	45.13	252	8650	49.90	5.77	50.23	263
6675	37.49	18.61	41.85	243	7675	43.32	13.40	45.34	253	8675	50.07	5.68	50.39	263
6700	37.13	18.73	41.59	243	7700	43.59	13.19	45.55	253	8700	50.23	5.67	50.55	263
6725	37.21	18.85	41.71	243	7725	43.39	13.06	45.32	253	8725	50.37	6.24	50.75	263
6750	38.07	18.82	42.47	244	7750	43.16	13.07	45.10	253	8750	50.54	6.57	50.97	262
6775	39.23	19.01	43.59	244	7775	43.46	12.76	45.29	253	8775	50.72	6.11	51.09	263
6800	39.77	18.92	44.04	244	7800	43.62	12.44	45.36	254	8800	50.95	5.70	51.27	263
6825	39.90	18.53	44.00	245	7825	43.69	12.21	45.37	254	8825	51.24	5.32	51.52	264
6850	40.40	18.60	44.47	245	7850	43.70	11.97	45.31	255	8850	51.43	5.24	51.69	264
6875	40.95	18.39	44.89	246	7875	43.74	11.59	45.25	255	8875	51.60	5.15	51.86	264
6900	41.21	17.99	44.97	246	7900	43.81	11.29	45.24	255	8900	51.76	5.24	52.03	264
6925	41.51	17.73	45.14	247	7925	43.66	10.93	45.01	256	8925	51.66	5.38	51.94	264
6950	41.74	17.69	45.33	247	7950	43.60	10.41	44.83	256	8950	51.67	5.30	51.94	264
6975	41.63	17.97	45.34	246	7975	43.61	10.07	44.75	257	8975	51.81	5.61	52.11	264
7000	41.22	17.91	44.94	246	8000	43.70	9.34	44.68	258	9000	52.05	5.92	52.38	263
7025	40.88	17.76	44.57	246	8025	43.83	8.87	44.72	258	9025	52.29	6.19	52.65	263
7050	40.93	17.33	44.45	247	8050	43.98	8.74	44.84	259	9050	52.38	6.25	52.75	263
7075	40.98	17.04	44.38	247	8075	44.27	8.26	45.04	259	9075	52.49	6.14	52.85	263
7100	40.89	17.09	44.32	247	8100	44.86	7.57	45.50	260	9100	52.51	6.40	52.90	263
7125	41.06	16.64	44.31	248	8125	45.31	7.58	45.94	260	9125	52.74	6.36	53.12	263
7150	41.12	16.46	44.29	248	8150	45.57	8.03	46.27	260	9150	52.88	6.46	53.28	263
7175	41.18	16.32	44.30	248	8175	45.79	8.06	46.50	260	9175	52.77	6.49	53.17	263
7200	41.51	15.98	44.48	249	8200	45.80	7.83	46.46	260	9200	52.89	6.35	53.27	263
7225	41.75	15.93	44.69	249	8225	45.63	8.22	46.36	260	9225	52.93	6.77	53.37	263
7250	41.86	16.01	44.82	249	8250	45.78	8.02	46.48	260	9250	52.89	6.39	53.28	263
7275	42.00	15.75	44.86	249	8275	46.09	7.38	46.68	261	9275	52.92	6.38	53.30	263

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-06 01/27/65, 2129Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9300	52.86	6.95	53.31	262	10300	57.21	16.59	59.57	254	11300	49.72	12.41	51.25	256
9325	52.59	7.02	53.06	262	10325	56.60	16.77	59.03	253	11325	49.93	12.92	51.58	255
9350	52.47	7.20	52.96	262	10350	56.17	16.69	58.60	253	11350	50.41	11.90	51.80	257
9375	52.32	7.47	52.86	262	10375	55.45	17.24	58.07	253	11375	50.77	11.46	52.05	257
9400	52.17	7.78	52.75	261	10400	54.22	17.60	57.01	252	11400	50.56	11.53	51.85	257
9425	52.15	7.54	52.69	262	10425	52.87	17.39	55.65	252	11425	50.38	11.70	51.72	257
9450	52.30	7.59	52.85	262	10450	51.82	17.55	54.71	251	11450	50.84	11.55	52.13	257
9475	52.10	8.10	52.73	261	10475	51.52	17.65	54.46	251	11475	51.70	10.97	52.85	258
9500	52.10	8.20	52.74	261	10500	51.30	16.86	53.99	252	11500	52.32	11.13	53.49	258
9525	52.56	7.93	53.15	261	10525	51.34	16.03	53.79	252	11525	52.75	10.84	53.85	258
9550	52.59	8.10	53.21	261	10550	51.25	16.38	53.80	252	11550	53.16	10.90	54.26	258
9575	52.74	8.25	53.38	261	10575	50.93	16.60	53.57	252	11575	53.38	10.92	54.48	258
9600	52.90	8.35	53.55	261	10600	50.98	16.00	53.43	252	11600	53.37	9.37	54.19	260
9625	53.04	8.67	53.74	261	10625	50.88	15.55	53.21	253	11625	53.14	8.88	53.88	260
9650	53.30	8.72	54.01	261	10650	50.59	15.55	52.92	253	11650	52.59	8.24	53.23	261
9675	53.13	8.81	53.86	260	10675	50.40	15.82	52.82	252	11675	51.96	7.62	52.51	261
9700	52.95	9.04	53.72	260	10700	50.46	15.48	52.78	253	11700	51.43	7.35	51.95	262
9725	53.06	8.68	53.77	261	10725	50.43	15.03	52.62	253	11725	51.05	6.69	51.49	262
9750	53.12	8.96	53.87	260	10750	50.17	15.74	52.58	252	11750	50.87	6.72	51.32	262
9775	53.17	9.44	54.00	260	10775	50.34	15.72	52.74	252	11775	50.44	6.39	50.84	263
9800	53.09	9.89	54.01	259	10800	50.06	15.50	52.40	253	11800	50.04	7.18	50.55	262
9825	53.13	10.76	54.21	258	10825	49.72	15.54	52.09	252	11825	49.28	7.75	49.88	261
9850	53.01	11.63	54.27	257	10850	49.50	15.70	51.93	252	11850	48.23	7.71	48.85	261
9875	52.90	11.91	54.23	257	10875	48.92	16.01	51.47	252	11875	48.35	7.32	48.90	261
9900	52.64	11.56	53.89	257	10900	48.40	15.87	50.94	252	11900	48.06	7.30	48.61	261
9925	52.62	12.25	54.03	257	10925	48.06	15.74	50.57	252	11925	47.65	8.54	48.41	260
9950	52.83	12.86	54.37	256	10950	48.04	15.95	50.62	251	11950	47.99	8.42	48.73	260
9975	53.65	12.96	55.19	256	10975	48.18	15.86	50.72	252	11975	48.25	7.96	48.90	260
10000	54.33	13.32	55.94	256	11000	48.01	15.65	50.50	252	12000	47.74	9.04	48.58	259
10025	54.55	13.88	56.28	256	11025	48.22	15.40	50.61	252	12025	47.58	8.92	48.41	259
10050	54.48	14.41	56.35	255	11050	48.44	14.94	50.69	253	12050	47.29	8.49	48.05	260
10075	54.27	14.74	56.24	255	11075	48.17	14.49	50.30	253	12075	46.81	9.60	47.79	258
10100	54.66	14.58	56.57	255	11100	48.25	13.95	50.23	254	12100	46.89	9.91	47.93	258
10125	54.74	15.32	56.84	254	11125	48.26	14.05	50.27	254	12125	47.44	10.01	48.48	258
10150	55.15	15.83	57.38	254	11150	47.80	14.45	49.93	253	12150	47.65	11.09	48.92	257
10175	55.64	15.21	57.68	255	11175	48.22	13.43	50.05	254	12175	48.41	10.02	49.44	258
10200	56.00	15.30	58.06	255	11200	49.21	12.51	50.77	256	12200	48.76	9.77	49.73	258
10225	57.52	15.90	59.68	254	11225	49.50	13.17	51.22	255	12225	48.68	10.14	49.72	258
10250	58.50	15.85	60.61	255	11250	49.30	13.06	51.00	255	12250	48.86	9.59	49.79	259
10275	58.02	16.16	60.23	254	11275	49.33	11.58	50.67	257	12275	48.45	11.30	49.75	257

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-15 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-06 01/27/65, 2129Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12300	49.00	10.96	50.21	257	13300	44.49	20.34	48.92	245	14300	24.71	20.65	32.20	230
12325	49.28	11.50	50.60	257	13325	43.33	21.71	48.47	243	14325	23.36	22.03	32.12	226
12350	48.93	12.33	50.46	256	13350	43.47	22.06	48.75	243	14350	22.71	21.71	31.42	226
12375	49.26	10.81	50.43	257	13375	42.83	22.20	48.24	242	14375	22.33	21.58	31.05	226
12400	49.19	11.24	50.46	257	13400	41.71	22.39	47.34	242	14400	21.04	22.28	30.65	223
12425	48.44	12.26	49.97	256	13425	41.36	22.25	46.96	242	14425	20.26	21.68	29.68	223
12450	48.21	11.90	49.66	256	13450	41.42	23.08	47.42	241	14450	20.38	20.33	28.79	225
12475	48.61	11.71	50.00	256	13475	41.12	23.53	47.38	240	14475	20.64	19.50	28.40	226
12500	48.64	12.08	50.11	256	13500	39.95	22.82	46.01	240	14500	20.38	19.39	28.13	226
12525	48.57	12.48	50.15	255	13525	39.68	23.52	46.12	239	14525	20.05	19.12	27.70	226
12550	48.84	12.65	50.45	255	13550	39.94	23.74	46.46	239	14550	20.14	18.59	27.41	227
12575	49.13	12.77	50.76	255	13575	39.35	24.24	46.22	238	14575	20.09	18.35	27.21	227
12600	49.20	12.40	50.74	256	13600	37.92	26.33	46.16	235	14600	20.47	17.59	26.99	229
12625	49.28	12.35	50.80	256	13625	37.61	26.37	45.93	235	14625	20.98	17.00	27.01	231
12650	49.53	12.61	51.11	256	13650	37.73	26.16	45.91	235	14650	20.95	17.40	27.23	230
12675	49.71	13.16	51.42	255	13675	37.71	27.17	46.48	234	14675	21.20	16.90	27.12	231
12700	50.34	12.76	51.93	256	13700	37.41	27.49	46.42	234	14700	21.81	16.70	27.47	232
12725	50.48	12.50	52.01	256	13725	36.83	27.40	45.90	233	14725	21.80	17.14	27.73	232
12750	50.46	13.44	52.22	255	13750	35.77	28.90	45.99	231	14750	21.63	16.55	27.24	232
12775	50.86	12.20	52.30	256	13775	35.51	28.68	45.65	231	14775	21.93	15.61	26.92	234
12800	51.13	10.99	52.30	258	13800	34.58	29.03	45.15	230	14800	22.01	15.71	27.04	234
12825	50.70	12.69	52.27	256	13825	33.53	30.11	45.06	228	14825	21.77	16.08	27.07	233
12850	50.77	12.56	52.30	256	13850	32.72	30.21	44.53	227	14850	22.58	14.10	26.62	238
12875	50.79	12.97	52.42	255	13875	31.96	30.51	44.19	226	14875	22.92	13.77	26.74	239
12900	50.32	13.73	52.16	255	13900	31.11	31.40	44.20	225	14900	23.16	13.84	26.98	239
12925	50.15	14.65	52.25	254	13925	30.19	31.81	43.86	223	14925	23.70	12.40	26.75	242
12950	50.11	15.06	52.32	253	13950	30.98	30.00	43.12	226	14950	23.38	12.33	26.44	242
12975	50.23	14.68	52.33	254	13975	31.65	27.92	42.21	228	14975	22.98	13.27	26.54	240
13000	50.01	14.96	52.20	253	14000	31.02	28.15	41.89	228	15000	23.68	11.93	26.51	243
13025	49.22	14.43	51.29	253	14025	31.20	27.57	41.64	228	15025	24.18	10.58	26.39	246
13050	48.70	14.28	50.75	253	14050	31.47	26.04	40.85	230	15050	24.24	9.41	26.00	249
13075	47.90	15.59	50.38	252	14075	31.40	24.86	40.05	231	15075	24.07	9.64	25.93	248
13100	48.22	15.54	50.66	252	14100	31.73	23.10	39.24	234	15100	23.95	9.83	25.89	248
13125	48.48	15.68	50.96	252	14125	31.79	21.83	38.56	235	15125	23.35	9.03	25.04	249
13150	48.20	16.77	51.03	251	14150	30.98	20.75	37.29	236	15150	23.99	6.33	24.81	255
13175	47.73	17.71	50.91	249	14175	29.83	20.44	36.16	235	15175	23.93	6.63	24.83	254
13200	47.30	17.59	50.46	249	14200	26.91	22.03	34.78	231	15200	23.37	6.49	24.25	254
13225	46.59	18.75	50.22	248	14225	25.87	21.84	33.86	230	15225	23.46	4.27	23.85	259
13250	46.01	19.51	49.98	247	14250	26.18	19.51	32.65	233	15250	23.05	4.61	23.51	258
13275	45.08	19.96	49.30	246	14275	25.43	20.67	32.77	231	15275	23.49	4.27	23.87	260

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-06 01/27/65, 2129Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15300	23.54	4.94	24.06	258										
15325	23.69	4.12	24.04	260										
15350	23.97	3.18	24.18	262										
15375	23.89	3.42	24.14	262										
15400	24.08	2.90	24.25	263										
15425	24.25	1.51	24.29	266										
15450	24.04	2.08	24.13	265										
15475	23.96	2.16	24.06	265										
15500	24.76	0.70	24.77	268										
15525	24.76	1.02	24.78	267										
15550	25.27	0.22	25.27	269										
15575	25.50	-1.04	25.52	272										
15600	25.68	-0.20	25.68	270										
15625	25.95	-0.17	25.95	270										
15650	26.08	-1.52	26.12	273										
15675	26.42	-1.48	26.46	273										
15700	26.51	-2.04	26.58	274										
15725	26.60	-2.88	26.75	276										
15750	26.37	-2.26	26.47	275										
15775	25.98	-2.10	26.07	274										
15800	25.76	-1.79	25.82	274										
15825	25.34	-0.41	25.34	271										
15850	24.52	0.81	24.53	268										
15875	24.22	0.14	24.22	269										
15900	24.58	0.14	24.58	269										
15925	24.72	1.89	24.79	265										
15950	24.16	3.70	24.44	261										
15975	23.46	3.93	23.79	260										
16000	23.89	4.62	24.33	259										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-16

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-07 01/27/65, 2230Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	-0.19	-7.94	7.94	1	1225	7.65	-8.14	11.17	317	2225	16.85	-2.80	17.08	279
250	-0.22	-7.95	7.95	1	1250	7.87	-8.77	11.78	318	2250	17.23	-2.82	17.46	279
275	-0.33	-7.85	7.86	2	1275	7.88	-9.29	12.19	320	2275	17.64	-2.73	17.85	279
300	-0.30	-7.62	7.63	2	1300	7.83	-9.70	12.47	321	2300	18.01	-2.62	18.20	278
325	-0.19	-7.25	7.26	1	1325	8.31	-10.34	13.27	321	2325	18.17	-2.30	18.32	277
350	0.16	-6.99	6.99	359	1350	9.28	-10.98	14.37	320	2350	18.10	-1.66	18.18	275
375	0.77	-6.89	6.94	353	1375	9.74	-10.83	14.56	318	2375	17.99	-1.03	18.02	273
400	1.37	-6.46	6.61	348	1400	9.73	-10.30	14.17	316	2400	17.80	-0.40	17.80	271
425	1.90	-6.13	6.42	343	1425	9.61	-9.59	13.58	315	2425	17.45	0.37	17.45	269
450	1.99	-5.98	6.31	341	1450	9.48	-8.72	12.88	312	2450	17.25	0.95	17.28	267
475	2.35	-5.91	6.36	338	1475	9.28	-7.88	12.18	310	2475	16.99	1.36	17.04	265
500	3.03	-5.92	6.65	333	1500	8.95	-6.85	11.27	307	2500	16.94	1.49	17.01	265
525	3.98	-5.94	7.15	326	1525	8.80	-5.78	10.53	303	2525	16.98	1.35	17.03	265
550	4.81	-5.81	7.54	320	1550	8.95	-5.10	10.30	300	2550	17.07	1.05	17.10	266
575	5.31	-5.80	7.86	317	1575	9.14	-4.80	10.33	298	2575	17.19	0.97	17.22	267
600	5.76	-5.95	8.28	316	1600	9.20	-4.65	10.31	297	2600	17.30	1.23	17.34	266
625	6.15	-6.00	8.59	314	1625	9.37	-4.43	10.37	295	2625	17.68	1.42	17.74	265
650	6.71	-6.10	9.07	312	1650	9.65	-4.17	10.52	293	2650	18.36	1.41	18.41	265
675	7.02	-5.89	9.16	310	1675	9.83	-4.07	10.64	292	2675	18.88	1.37	18.93	266
700	7.12	-5.43	8.95	307	1700	9.91	-4.00	10.68	292	2700	18.88	1.42	18.94	266
725	6.83	-4.99	8.46	306	1725	9.99	-3.88	10.72	291	2725	19.25	1.38	19.30	266
750	6.61	-4.50	8.00	304	1750	10.40	-3.84	11.09	290	2750	19.85	1.62	19.92	265
775	6.76	-4.25	7.99	302	1775	10.74	-3.89	11.42	290	2775	19.95	2.32	20.09	263
800	7.07	-4.37	8.31	302	1800	10.83	-3.87	11.50	290	2800	19.91	2.70	20.09	262
825	7.36	-4.54	8.65	301	1825	11.02	-3.71	11.63	288	2825	20.02	2.73	20.21	262
850	7.80	-4.68	9.10	301	1850	11.22	-3.46	11.74	287	2850	19.96	2.89	20.16	262
875	8.23	-4.71	9.48	300	1875	11.48	-3.31	11.95	286	2875	19.76	3.10	20.00	261
900	8.25	-4.56	9.43	299	1900	11.71	-3.03	12.09	284	2900	19.67	3.18	19.92	261
925	8.26	-4.59	9.45	299	1925	11.93	-2.84	12.26	283	2925	19.63	3.18	19.89	261
950	8.32	-4.82	9.62	300	1950	12.22	-2.77	12.53	283	2950	19.46	3.36	19.75	260
975	8.28	-4.99	9.67	301	1975	12.36	-2.43	12.59	281	2975	19.43	3.55	19.75	259
1000	7.93	-5.23	9.50	303	2000	12.44	-2.13	12.62	280	3000	19.80	3.91	20.18	259
1025	7.52	-5.58	9.36	306	2025	12.60	-1.97	12.76	279	3025	20.17	4.42	20.65	257
1050	7.28	-5.90	9.37	309	2050	12.97	-1.79	13.10	278	3050	20.49	5.10	21.12	256
1075	7.12	-6.09	9.39	310	2075	13.39	-1.59	13.48	277	3075	20.79	5.85	21.60	254
1100	7.20	-6.20	9.50	311	2100	13.75	-1.53	13.83	276	3100	21.16	6.48	22.13	253
1125	7.18	-6.45	9.65	312	2125	14.34	-1.87	14.46	277	3125	21.30	7.07	22.45	251
1150	7.23	-6.68	9.85	313	2150	15.18	-2.09	15.33	278	3150	21.29	7.44	22.55	251
1175	7.26	-7.08	10.14	314	2175	15.81	-2.09	15.94	277	3175	21.51	7.87	22.91	250
1200	7.26	-7.49	10.43	316	2200	16.28	-2.38	16.45	278	3200	21.70	8.51	23.31	248

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 516-07 01/27/65, 2230Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	21.58	8.98	23.37	247	4225	26.42	10.16	28.31	249	5225	31.35	8.96	32.61	254
3250	21.59	9.14	23.45	247	4250	26.65	9.92	28.44	249	5250	30.90	9.68	32.38	252
3275	21.42	9.08	23.27	247	4275	26.89	9.90	28.66	250	5275	30.76	9.91	32.32	252
3300	21.43	9.00	23.24	247	4300	26.97	10.10	28.80	249	5300	30.79	10.07	32.39	252
3325	21.57	9.02	23.38	247	4325	27.04	10.14	28.88	249	5325	30.68	10.22	32.34	251
3350	21.32	9.08	23.18	247	4350	26.91	10.26	28.80	249	5350	30.62	10.54	32.38	251
3375	21.37	9.26	23.29	246	4375	27.31	10.30	29.19	249	5375	30.49	10.97	32.40	250
3400	21.48	9.48	23.48	246	4400	28.10	9.94	29.81	250	5400	30.32	11.41	32.40	249
3425	21.48	9.64	23.55	246	4425	28.62	9.49	30.15	251	5425	30.14	11.73	32.34	249
3450	21.55	9.93	23.73	245	4450	29.09	9.21	30.51	252	5450	30.12	11.77	32.34	248
3475	21.79	10.47	24.17	244	4475	29.83	8.86	31.12	253	5475	30.42	11.75	32.61	249
3500	21.93	11.34	24.69	242	4500	30.50	8.07	31.55	255	5500	30.81	11.73	32.96	249
3525	22.29	12.21	25.41	241	4525	31.07	7.41	31.95	256	5525	31.25	11.79	33.40	249
3550	22.86	12.83	26.22	241	4550	31.53	7.02	32.30	257	5550	31.63	11.88	33.79	249
3575	23.31	13.07	26.72	241	4575	31.53	6.73	32.24	258	5575	31.71	11.96	33.89	249
3600	23.49	12.89	26.79	241	4600	31.54	6.69	32.25	258	5600	31.71	12.33	34.02	249
3625	23.69	12.67	26.87	242	4625	31.67	6.63	32.35	258	5625	31.92	12.69	34.35	248
3650	23.78	12.52	26.88	242	4650	31.79	6.57	32.47	258	5650	32.20	12.86	34.67	248
3675	23.96	12.41	26.98	242	4675	31.86	6.39	32.50	258	5675	32.19	12.97	34.70	248
3700	24.46	12.20	27.34	243	4700	31.99	6.07	32.56	259	5700	32.17	13.05	34.72	248
3725	24.96	11.90	27.65	244	4725	32.15	6.02	32.70	259	5725	32.37	13.38	35.02	247
3750	25.48	11.82	28.09	245	4750	32.10	6.10	32.67	259	5750	32.61	13.71	35.37	247
3775	25.59	11.90	28.23	245	4775	32.26	6.06	32.83	259	5775	32.74	13.80	35.53	247
3800	25.50	12.25	28.29	244	4800	32.53	6.04	33.08	259	5800	32.90	13.88	35.71	247
3825	25.54	12.47	28.42	244	4825	32.70	5.99	33.24	259	5825	32.81	13.91	35.63	247
3850	25.65	12.46	28.52	244	4850	32.97	5.77	33.48	260	5850	32.55	13.87	35.39	247
3875	25.61	12.64	28.56	244	4875	33.28	5.69	33.76	260	5875	32.73	13.81	35.53	247
3900	25.62	12.74	28.61	243	4900	33.41	6.05	33.95	260	5900	32.89	13.72	35.64	247
3925	25.96	12.52	28.82	244	4925	33.35	6.47	33.98	259	5925	32.94	13.93	35.76	247
3950	26.36	12.32	29.09	245	4950	33.17	6.51	33.80	259	5950	33.02	13.94	35.84	247
3975	26.58	12.19	29.24	245	4975	33.16	6.64	33.82	259	5975	33.02	13.73	35.76	247
4000	26.48	12.16	29.13	245	5000	33.06	6.93	33.78	258	6000	33.17	13.86	35.95	247
4025	26.35	12.17	29.02	245	5025	32.85	6.96	33.58	258	6025	33.65	13.71	36.33	248
4050	26.14	12.07	28.79	245	5050	32.82	7.26	33.61	257	6050	34.19	13.27	36.67	249
4075	25.84	11.85	28.43	245	5075	32.55	7.78	33.47	256	6075	34.45	12.95	36.81	249
4100	25.73	11.49	28.18	246	5100	32.22	8.03	33.21	256	6100	34.61	12.62	36.84	250
4125	25.72	11.23	28.06	246	5125	31.82	8.11	32.84	256	6125	34.77	12.15	36.83	251
4150	25.79	10.85	27.98	247	5150	31.64	8.14	32.67	255	6150	35.34	11.88	37.28	251
4175	26.00	10.50	28.04	248	5175	31.65	8.14	32.68	255	6175	35.98	11.58	37.80	252
4200	26.30	10.33	28.26	248	5200	31.60	8.22	32.65	255	6200	36.58	11.16	38.25	253

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-16 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-07 01/27/65, 2230Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	37.18	10.59	38.66	254	7225	41.38	17.34	44.87	247	8225	48.65	7.79	49.27	261
6250	37.67	10.48	39.10	254	7250	41.37	17.45	44.90	247	8250	48.31	7.75	48.93	261
6275	38.04	10.75	39.53	254	7275	41.27	17.32	44.76	247	8275	48.10	7.74	48.72	261
6300	38.57	10.50	39.97	255	7300	41.09	17.24	44.56	247	8300	48.27	8.05	48.93	260
6325	39.17	9.98	40.42	256	7325	40.93	17.46	44.50	247	8325	48.35	8.40	49.08	260
6350	39.72	9.32	40.79	257	7350	41.13	17.62	44.74	247	8350	48.37	8.34	49.08	260
6375	40.64	8.90	41.60	257	7375	41.39	17.54	44.95	247	8375	48.26	8.13	48.94	260
6400	42.01	8.88	42.94	258	7400	41.52	17.15	44.92	247	8400	48.49	7.75	49.10	261
6425	43.25	8.68	44.11	258	7425	41.81	16.51	44.96	248	8425	48.79	7.95	49.43	261
6450	43.87	8.53	44.69	259	7450	42.17	16.49	45.28	248	8450	48.57	7.73	49.18	261
6475	44.13	8.39	44.92	259	7475	42.48	16.50	45.57	249	8475	48.66	7.33	49.21	261
6500	44.14	8.35	44.92	259	7500	42.27	16.21	45.27	249	8500	48.91	7.75	49.52	261
6525	44.20	8.79	45.07	259	7525	42.19	15.88	45.08	249	8525	49.23	7.58	49.81	261
6550	44.23	9.00	45.14	258	7550	42.71	15.58	45.47	250	8550	49.53	7.41	50.08	261
6575	43.75	9.14	44.70	258	7575	43.05	15.34	45.70	250	8575	49.66	7.38	50.21	261
6600	43.53	9.51	44.55	257	7600	43.06	15.24	45.68	250	8600	49.72	7.53	50.28	261
6625	43.76	9.76	44.84	257	7625	43.08	14.77	45.55	251	8625	49.66	7.16	50.17	262
6650	43.78	10.11	44.94	257	7650	43.17	13.59	45.26	252	8650	49.40	7.07	49.91	262
6675	43.51	11.12	44.91	255	7675	43.09	13.34	45.11	253	8675	49.19	7.39	49.74	261
6700	43.18	11.75	44.75	255	7700	42.97	13.00	44.90	253	8700	49.60	7.10	50.11	262
6725	43.20	11.84	44.79	254	7725	42.85	12.20	44.55	254	8725	49.90	7.55	50.47	261
6750	43.52	12.40	45.25	254	7750	42.81	11.84	44.42	254	8750	49.68	7.84	50.29	261
6775	43.30	12.74	45.13	253	7775	42.78	11.76	44.37	254	8775	49.69	7.69	50.29	261
6800	42.87	12.80	44.74	253	7800	42.97	11.39	44.46	255	8800	49.95	7.84	50.56	261
6825	42.83	13.13	44.80	253	7825	42.88	11.21	44.32	255	8825	49.95	7.73	50.55	261
6850	43.00	13.73	45.14	252	7850	42.76	10.63	44.06	256	8850	50.00	7.30	50.53	262
6875	42.79	14.07	45.04	252	7875	43.15	10.17	44.33	257	8875	50.29	7.11	50.79	262
6900	42.38	14.01	44.63	252	7900	43.65	9.80	44.73	257	8900	50.75	6.65	51.18	262
6925	42.19	14.15	44.50	251	7925	43.88	9.18	44.83	258	8925	51.14	6.46	51.54	263
6950	42.33	14.24	44.66	251	7950	44.08	9.01	44.99	258	8950	51.35	6.10	51.72	263
6975	42.46	14.62	44.91	251	7975	44.68	8.62	45.50	259	8975	51.87	5.49	52.16	264
7000	42.08	15.15	44.72	250	8000	45.00	8.31	45.76	259	9000	51.98	5.76	52.30	263
7025	41.81	15.29	44.52	250	8025	45.08	8.06	45.79	260	9025	51.76	5.97	52.10	263
7050	41.65	15.59	44.47	249	8050	45.31	7.43	45.91	261	9050	51.79	5.77	52.11	263
7075	41.46	15.74	44.35	249	8075	45.89	7.41	46.49	261	9075	51.94	5.86	52.27	263
7100	41.43	15.88	44.38	249	8100	46.63	7.42	47.22	261	9100	51.91	6.09	52.26	263
7125	41.62	16.18	44.66	249	8125	46.84	7.22	47.39	261	9125	51.76	6.07	52.11	263
7150	41.82	16.68	45.02	248	8150	47.36	7.33	47.93	261	9150	51.81	6.19	52.18	263
7175	41.61	16.84	44.89	248	8175	48.21	7.40	48.77	261	9175	51.62	6.36	52.01	263
7200	41.37	16.94	44.70	248	8200	48.51	7.76	49.12	261	9200	51.70	6.15	52.07	263

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-07 01/27/65, 2230Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	51.75	6.64	52.17	263	10225	58.07	16.89	60.48	254	11225	53.78	11.48	54.99	258
9250	51.74	6.89	52.19	262	10250	57.17	17.16	59.69	253	11250	53.69	11.58	54.93	258
9275	51.92	6.77	52.36	262	10275	55.96	17.85	58.74	252	11275	53.94	11.08	55.07	258
9300	52.03	6.70	52.46	262	10300	55.14	18.16	58.06	252	11300	54.71	10.78	55.77	259
9325	52.11	6.38	52.50	263	10325	54.25	18.65	57.37	251	11325	55.37	10.49	56.36	259
9350	52.37	6.70	52.80	263	10350	53.81	18.75	56.98	251	11350	55.99	10.58	56.98	259
9375	52.55	6.94	53.01	262	10375	52.90	19.14	56.25	250	11375	55.84	10.98	56.91	259
9400	52.33	6.96	52.79	262	10400	52.31	19.39	55.79	249	11400	56.01	10.12	56.92	260
9425	52.58	6.94	53.03	262	10425	51.98	19.30	55.44	249	11425	56.31	10.81	57.33	259
9450	52.93	7.06	53.40	262	10450	51.47	19.33	54.98	249	11450	56.21	11.40	57.35	258
9475	52.78	7.76	53.34	261	10475	51.08	19.42	54.64	249	11475	56.07	10.59	57.06	259
9500	52.50	8.04	53.11	261	10500	51.00	18.72	54.33	250	11500	56.30	10.47	57.27	259
9525	52.71	7.67	53.27	262	10525	50.96	18.46	54.20	250	11525	56.35	11.08	57.43	259
9550	52.86	7.30	53.36	262	10550	50.89	18.98	54.32	249	11550	56.30	11.63	57.49	258
9575	52.65	7.14	53.13	262	10575	51.39	18.24	54.53	250	11575	56.92	12.19	58.21	258
9600	52.57	7.82	53.15	261	10600	51.39	17.83	54.39	251	11600	57.16	12.27	58.47	258
9625	52.59	7.62	53.14	262	10625	51.78	17.47	54.65	251	11625	57.02	11.88	58.24	258
9650	52.71	7.53	53.24	262	10650	52.52	17.08	55.22	252	11650	56.93	12.17	58.21	258
9675	52.88	7.75	53.45	261	10675	53.01	16.90	55.64	252	11675	56.55	11.83	57.77	258
9700	53.02	7.45	53.55	262	10700	53.35	16.83	55.94	252	11700	56.45	12.19	57.75	258
9725	53.05	8.73	53.77	260	10725	53.56	16.74	56.11	252	11725	56.57	12.02	57.84	258
9750	53.60	8.87	54.33	260	10750	54.24	15.82	56.51	254	11750	56.21	11.46	57.36	258
9775	54.01	8.69	54.70	261	10775	54.33	15.85	56.60	254	11775	55.88	11.67	57.09	258
9800	54.04	9.40	54.85	260	10800	54.15	15.84	56.42	254	11800	55.72	10.85	56.77	259
9825	54.34	9.58	55.18	260	10825	53.76	15.63	55.98	254	11825	55.37	10.52	56.36	259
9850	54.40	9.92	55.29	259	10850	53.89	14.70	55.86	255	11850	54.00	10.56	55.02	259
9875	54.20	10.65	55.24	259	10875	53.87	14.52	55.80	255	11875	53.93	10.09	54.87	259
9900	54.15	11.09	55.27	258	10900	52.75	15.45	54.97	253	11900	53.93	9.49	54.76	260
9925	54.42	11.44	55.61	258	10925	52.67	14.66	54.67	254	11925	53.17	9.91	54.09	259
9950	54.73	12.02	56.04	257	10950	52.35	14.27	54.26	255	11950	52.98	9.48	53.82	260
9975	55.13	12.66	56.56	257	10975	51.94	14.72	53.98	254	11975	52.92	8.46	53.59	261
10000	55.45	13.10	56.98	257	11000	52.10	14.22	54.01	255	12000	52.22	7.84	52.81	261
10025	56.00	13.22	57.54	257	11025	52.08	13.69	53.85	255	12025	51.64	6.91	52.10	262
10050	56.66	13.25	58.19	257	11050	52.27	13.69	54.04	255	12050	51.26	8.91	52.03	260
10075	57.36	13.13	58.85	257	11075	52.64	13.70	54.39	255	12075	51.04	9.39	51.90	259
10100	58.34	13.03	59.77	257	11100	53.15	12.65	54.64	256	12100	50.77	8.77	51.53	260
10125	59.18	13.45	60.69	257	11125	53.63	12.47	55.06	257	12125	50.31	8.70	51.06	260
10150	59.54	13.72	61.10	257	11150	53.74	11.99	55.06	257	12150	50.06	8.95	50.85	260
10175	59.40	13.69	60.96	257	11175	53.53	11.33	54.71	258	12175	49.71	9.09	50.53	259
10200	58.77	15.47	60.77	255	11200	53.24	11.42	54.45	258	12200	49.39	8.74	50.16	260

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-16 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 516-07 01/27/65, 2230Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	49.01	8.65	49.77	260	13225	44.67	18.09	48.20	248	14225	28.24	22.62	36.18	231
12250	48.98	9.31	49.86	259	13250	44.65	17.87	48.10	248	14250	26.84	22.93	35.30	229
12275	48.79	9.67	49.74	259	13275	43.82	16.72	47.65	247	14275	26.65	21.85	34.47	230
12300	48.61	10.14	49.66	258	13300	43.35	19.98	47.73	245	14300	25.42	22.07	33.66	229
12325	48.61	10.33	49.70	258	13325	42.91	20.83	47.69	244	14325	24.83	23.56	34.23	226
12350	48.61	9.20	49.47	259	13350	42.86	21.54	47.97	243	14350	23.71	24.21	33.89	224
12375	48.59	8.69	49.36	260	13375	42.93	22.31	48.38	242	14375	22.55	23.66	32.68	223
12400	48.74	9.60	49.68	259	13400	42.27	23.41	48.32	241	14400	21.87	22.96	31.71	223
12425	48.91	9.70	49.87	259	13425	41.87	22.92	47.73	241	14425	21.32	22.13	30.73	224
12450	48.63	10.08	49.66	258	13450	41.38	23.73	47.70	240	14450	21.60	22.11	30.91	224
12475	48.93	10.21	49.99	258	13475	40.99	24.90	47.96	239	14475	21.36	21.00	29.95	225
12500	49.59	10.36	50.66	258	13500	40.59	24.50	47.41	239	14500	20.69	19.06	28.13	227
12525	49.53	10.63	50.66	258	13525	39.26	25.61	46.88	237	14525	20.59	20.15	28.81	225
12550	48.75	11.12	50.00	257	13550	38.87	26.81	47.21	235	14550	21.05	19.89	28.96	226
12575	48.27	11.71	49.67	256	13575	37.97	28.07	47.22	233	14575	21.22	19.52	28.83	227
12600	48.51	12.98	50.22	255	13600	37.20	27.97	46.54	233	14600	21.26	20.13	29.28	226
12625	48.78	13.34	50.57	255	13625	36.83	28.65	46.66	232	14625	21.70	18.46	28.49	229
12650	48.89	12.97	50.58	255	13650	36.21	29.49	46.70	231	14650	21.51	17.93	28.01	230
12675	48.88	12.23	50.38	256	13675	35.94	29.17	46.29	231	14675	21.81	18.38	28.52	230
12700	48.80	12.81	50.45	255	13700	35.43	29.69	46.23	230	14700	22.16	17.75	28.39	231
12725	48.85	13.35	50.64	255	13725	35.16	29.91	46.16	229	14725	21.83	17.70	28.10	231
12750	48.72	13.14	50.46	255	13750	35.12	29.01	45.55	230					
12775	48.56	14.41	50.65	253	13775	33.33	30.55	45.22	227					
12800	48.34	14.34	50.42	253	13800	33.75	30.23	45.31	228					
12825	48.43	13.64	50.31	254	13825	33.98	29.10	44.73	229					
12850	48.34	13.70	50.24	254	13850	32.48	30.28	44.41	227					
12875	48.26	13.13	50.01	255	13875	32.00	31.57	44.95	225					
12900	48.71	14.74	50.89	253	13900	31.89	31.23	44.64	225					
12925	48.50	15.07	50.79	253	13925	31.32	30.92	44.01	225					
12950	47.80	15.25	50.18	252	13950	30.62	30.66	43.33	225					
12975	48.40	15.25	50.74	252	13975	30.35	30.31	42.89	225					
13000	48.17	15.92	50.73	252	14000	30.10	30.49	42.84	224					
13025	47.32	16.75	50.20	250	14025	28.81	26.68	39.26	227					
13050	47.73	16.01	50.35	251	14050	29.65	28.31	40.99	226					
13075	47.22	16.45	50.01	251	14075	29.79	29.37	41.84	225					
13100	46.07	16.95	49.09	250	14100	30.02	27.01	40.38	228					
13125	45.74	17.25	48.89	249	14125	30.06	26.25	39.91	229					
13150	45.83	17.53	49.07	249	14150	29.64	27.24	40.26	227					
13175	45.67	17.28	48.83	249	14175	29.63	25.02	38.78	230					
13200	44.94	17.89	48.37	248	14200	29.26	22.87	37.14	232					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-17

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0734 02/05/65, 1308Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	-13.22	-3.77	13.74	74	1175	-8.20	1.23	8.29	98	2175	1.96	2.58	3.24	217
200	-12.94	-3.74	13.47	74	1200	-8.08	1.49	8.22	100	2200	2.20	2.47	3.31	222
225	-12.68	-4.01	13.30	72	1225	-7.95	1.54	8.09	101	2225	2.50	2.39	3.46	226
250	-12.40	-4.43	13.17	70	1250	-7.73	1.74	7.93	102	2250	2.46	2.09	3.23	229
275	-11.88	-4.44	12.68	69	1275	-7.70	2.04	7.97	105	2275	2.33	1.33	2.69	240
300	-12.32	-4.54	13.13	70	1300	-7.69	2.22	8.00	106	2300	2.58	0.65	2.66	256
325	-12.80	-4.46	13.56	71	1325	-7.52	2.19	7.83	106	2325	2.62	0.31	2.64	263
350	-12.59	-3.99	13.20	72	1350	-7.38	2.21	7.70	106	2350	2.37	-0.16	2.37	274
375	-12.76	-3.65	13.27	74	1375	-7.17	2.26	7.52	107	2375	2.41	-0.32	2.43	277
400	-12.98	-3.31	13.39	75	1400	-6.40	2.13	6.75	108	2400	2.56	-0.35	2.58	278
425	-13.09	-3.20	13.47	76	1425	-6.76	2.27	7.13	108	2425	2.83	-0.34	2.85	277
450	-12.87	-3.14	13.25	76	1450	-7.29	2.37	7.66	108	2450	3.36	-0.21	3.37	273
475	-13.32	-3.10	13.68	77	1475	-6.67	2.47	7.11	110	2475	3.91	-0.02	3.91	270
500	-13.26	-3.12	13.63	77	1500	-6.37	2.78	6.95	113	2500	4.09	-0.08	4.09	271
525	-12.66	-3.24	13.07	75	1525	-6.35	2.98	7.02	115	2525	4.15	-0.21	4.15	273
550	-12.69	-3.38	13.13	75	1550	-6.50	3.29	7.29	117	2550	4.31	-0.07	4.31	271
575	-12.61	-3.39	13.06	75	1575	-6.61	3.47	7.47	117	2575	4.42	0.13	4.42	268
600	-12.74	-3.34	13.17	75	1600	-6.38	3.83	7.44	121	2600	4.37	0.32	4.38	266
625	-12.72	-3.23	13.12	76	1625	-6.27	4.08	7.48	123	2625	4.37	0.54	4.40	263
650	-12.44	-3.06	12.81	76	1650	-6.28	4.29	7.60	124	2650	4.60	0.79	4.67	260
675	-12.10	-2.91	12.45	76	1675	-6.05	4.47	7.52	126	2675	4.61	0.94	4.71	258
700	-12.00	-2.74	12.31	77	1700	-6.05	4.71	7.67	128	2700	4.50	0.88	4.59	259
725	-12.36	-2.52	12.61	78	1725	-6.10	5.09	7.94	130	2725	4.58	0.88	4.66	259
750	-12.09	-2.24	12.29	79	1750	-6.10	5.42	8.16	131	2750	4.76	1.12	4.89	257
775	-11.97	-1.95	12.12	81	1775	-6.08	5.50	8.20	132	2775	4.67	1.42	4.88	253
800	-12.34	-1.84	12.48	81	1800	-5.70	5.34	7.81	133	2800	4.58	1.50	4.82	252
825	-12.10	-1.76	12.23	82	1825	-5.16	5.59	7.60	137	2825	4.87	1.37	5.06	254
850	-11.70	-1.81	11.84	81	1850	-4.23	5.63	7.04	143	2850	5.01	1.05	5.12	258
875	-11.57	-1.94	11.73	80	1875	-3.26	5.83	6.68	151	2875	5.08	0.85	5.15	260
900	-11.41	-2.08	11.60	79	1900	-2.26	5.77	6.19	158	2900	5.04	0.76	5.10	261
925	-10.94	-2.00	11.12	79	1925	-1.37	5.12	5.30	165	2925	5.00	0.67	5.04	262
950	-11.15	-1.76	11.29	81	1950	-0.73	5.01	5.06	171	2950	5.16	0.81	5.23	261
975	-11.02	-1.41	11.11	83	1975	-0.37	5.00	5.02	176	2975	5.15	0.89	5.23	260
1000	-10.64	-0.95	10.68	85	2000	0.14	4.90	4.90	182	3000	5.05	0.84	5.12	260
1025	-10.31	-0.33	10.32	88	2025	0.73	4.88	4.93	188	3025	5.28	0.75	5.33	262
1050	-9.65	0.38	9.66	92	2050	0.92	4.39	4.49	192	3050	5.28	0.73	5.33	262
1075	-9.33	0.69	9.36	94	2075	1.30	4.03	4.23	198	3075	5.09	0.67	5.13	262
1100	-9.47	0.76	9.50	94	2100	1.74	3.57	3.97	206	3100	5.29	0.49	5.31	264
1125	-9.16	0.83	9.20	95	2125	1.78	3.06	3.54	210	3125	5.33	0.43	5.35	265
1150	-8.62	0.92	8.67	96	2150	1.87	2.80	3.37	214	3150	5.21	0.40	5.22	265

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0734 02/05/65, 1308Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	5.60	0.41	5.62	266	4175	5.77	0.40	5.79	266	5175	9.91	1.94	10.10	259
3200	5.94	0.67	5.98	263	4200	5.71	1.00	5.80	260	5200	9.74	1.84	9.91	259
3225	6.13	0.82	6.18	262	4225	5.71	1.68	5.96	253	5225	9.60	1.70	9.75	260
3250	6.85	0.61	6.87	265	4250	5.72	2.37	6.19	247	5250	8.98	1.64	9.13	259
3275	7.39	0.60	7.42	265	4275	5.62	3.15	6.44	241	5275	9.06	1.74	9.23	259
3300	7.55	0.73	7.58	264	4300	5.74	3.64	6.80	237	5300	9.22	1.82	9.40	259
3325	7.91	0.60	7.93	265	4325	6.06	3.59	7.04	239	5325	8.72	1.86	8.91	258
3350	7.82	0.48	7.84	266	4350	6.45	3.54	7.36	241	5350	8.79	1.94	9.00	257
3375	7.70	0.56	7.72	266	4375	6.45	3.65	7.41	240	5375	9.35	2.26	9.62	256
3400	7.26	0.55	7.28	266	4400	6.36	3.83	7.43	239	5400	9.17	2.31	9.46	256
3425	6.52	0.48	6.54	266	4425	6.32	3.77	7.36	239	5425	9.21	2.49	9.54	255
3450	6.44	0.54	6.47	265	4450	6.00	3.67	7.04	238	5450	9.21	2.55	9.55	254
3475	6.12	0.37	6.13	266	4475	5.67	3.66	6.75	237	5475	8.76	2.45	9.10	254
3500	6.01	0.22	6.02	268	4500	5.50	3.65	6.60	236	5500	9.05	2.78	9.47	253
3525	6.26	0.27	6.27	267	4525	5.37	3.91	6.64	234	5525	9.19	2.82	9.61	253
3550	6.00	0.10	6.00	269	4550	5.08	4.30	6.66	230	5550	9.33	2.53	9.67	255
3575	6.08	-0.12	6.08	271	4575	4.98	4.45	6.68	228	5575	9.57	2.08	9.79	258
3600	5.99	-0.32	6.00	273	4600	5.49	4.54	7.12	230	5600	9.37	1.59	9.51	260
3625	5.47	-0.56	5.50	276	4625	6.11	4.67	7.69	232	5625	9.29	1.13	9.36	263
3650	5.23	-0.71	5.27	278	4650	6.41	4.61	7.90	234	5650	9.47	0.82	9.51	265
3675	5.41	-0.80	5.46	278	4675	6.84	4.31	8.09	238	5675	9.67	0.84	9.70	265
3700	5.50	-0.89	5.57	279	4700	7.45	4.19	8.54	240	5700	9.88	0.90	9.92	265
3725	5.52	-1.02	5.61	280	4725	7.81	4.17	8.85	242	5725	10.15	0.61	10.17	266
3750	6.03	-1.19	6.15	281	4750	7.83	3.97	8.77	243	5750	10.37	0.30	10.38	268
3775	6.13	-1.34	6.28	282	4775	7.81	3.78	8.68	244	5775	11.27	0.27	11.27	268
3800	5.80	-1.51	6.00	284	4800	8.00	3.82	8.86	244	5800	11.75	0.23	11.75	269
3825	5.56	-1.45	5.74	284	4825	8.25	3.84	9.10	245	5825	12.22	0.01	12.22	270
3850	5.44	-1.08	5.54	281	4850	8.66	3.90	9.49	246	5850	12.76	-0.20	12.76	271
3875	5.26	-0.87	5.33	279	4875	8.68	3.69	9.43	247	5875	12.41	-0.12	12.41	270
3900	5.00	-0.80	5.06	279	4900	8.69	3.41	9.34	248	5900	12.24	0.03	12.24	270
3925	4.89	-0.73	4.95	278	4925	9.05	3.19	9.59	250	5925	12.05	-0.15	12.06	271
3950	4.70	-0.71	4.76	278	4950	9.36	2.81	9.77	253	5950	11.97	-0.57	11.98	273
3975	4.59	-0.76	4.65	279	4975	9.74	2.72	10.11	254	5975	12.08	-0.83	12.10	274
4000	4.93	-0.80	4.99	279	5000	9.86	2.81	10.25	254	6000	12.32	-0.74	12.34	273
4025	5.09	-0.80	5.15	279	5025	9.75	2.78	10.14	254	6025	12.31	-0.49	12.32	272
4050	4.95	-0.86	5.02	280	5050	9.72	2.63	10.07	255	6050	12.21	-0.60	12.22	273
4075	5.02	-1.01	5.12	281	5075	9.91	2.61	10.25	255	6075	12.23	-1.02	12.27	275
4100	5.12	-1.03	5.22	281	5100	10.09	2.60	10.42	255	6100	12.23	-1.21	12.29	275
4125	5.36	-0.81	5.42	278	5125	10.15	2.34	10.41	257	6125	12.08	-1.49	12.17	277
4150	5.66	-0.24	5.67	272	5150	10.10	2.07	10.31	258	6150	11.79	-2.03	11.96	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-17 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 0734 02/05/65, 1308Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	11.59	-2.56	11.87	282	7175	17.03	-8.21	18.90	296	8175	24.91	2.51	25.03	264
6200	11.84	-2.99	12.21	284	7200	17.53	-8.57	19.51	296	8200	25.10	2.83	25.26	263
6225	11.92	-3.29	12.37	285	7225	17.84	-8.83	19.91	296	8225	25.15	2.97	25.33	263
6250	11.47	-3.73	12.06	288	7250	17.29	-8.43	19.24	296	8250	24.91	3.22	25.12	262
6275	11.68	-4.34	12.46	290	7275	17.50	-8.48	19.45	296	8275	24.74	3.55	25.00	262
6300	11.74	-4.65	12.62	291	7300	17.46	-8.39	19.37	295	8300	24.77	3.87	25.07	261
6325	11.87	-5.02	12.89	293	7325	16.92	-7.75	18.61	294	8325	24.82	4.09	25.16	260
6350	12.45	-5.35	13.55	293	7350	17.66	-7.66	19.25	293	8350	24.79	4.15	25.13	260
6375	12.47	-5.34	13.57	293	7375	18.32	-7.57	19.83	292	8375	24.90	4.19	25.26	260
6400	12.81	-5.39	13.90	293	7400	18.66	-7.52	20.12	292	8400	25.09	4.12	25.43	260
6425	12.99	-5.38	14.06	292	7425	18.91	-7.49	20.34	291	8425	25.42	4.23	25.77	260
6450	12.73	-5.24	13.77	292	7450	20.00	-8.16	21.60	292	8450	25.64	4.38	26.02	260
6475	12.76	-5.35	13.83	293	7475	20.17	-8.71	21.97	293	8475	25.54	4.27	25.89	260
6500	12.91	-5.49	14.03	293	7500	19.03	-8.38	20.80	294	8500	25.61	4.21	25.96	260
6525	13.43	-5.59	14.55	292	7525	19.72	-8.61	21.52	293	8525	25.77	4.18	26.11	261
6550	13.44	-5.53	14.54	292	7550	20.68	-8.76	22.46	293	8550	25.91	3.99	26.22	261
6575	12.95	-5.22	13.96	292	7575	20.03	-7.98	21.56	292	8575	27.02	3.83	27.29	262
6600	12.76	-4.97	13.70	291	7600	21.31	-7.84	22.71	290	8600	26.88	3.60	27.12	262
6625	12.22	-4.83	13.14	291	7625	22.56	-7.71	23.84	289	8625	26.30	3.37	26.51	263
6650	12.52	-4.77	13.40	291	7650	22.13	-6.93	23.19	287	8650	27.74	3.41	27.95	263
6675	12.63	-4.45	13.39	289	7675	22.35	-6.18	23.19	285	8675	28.02	3.37	28.22	263
6700	12.36	-3.91	12.96	287	7700	22.48	-5.44	23.13	283	8700	27.65	3.36	27.86	263
6725	13.18	-3.61	13.66	285	7725	23.52	-5.12	24.07	282	8725	27.85	3.44	28.06	263
6750	13.28	-3.40	13.71	284	7750	23.73	-4.72	24.19	281	8750	28.03	3.48	28.25	263
6775	13.08	-3.37	13.51	284	7775	22.68	-4.10	23.05	280	8775	28.38	3.28	28.56	263
6800	13.35	-3.56	13.82	285	7800	23.48	-3.85	23.79	279	8800	27.98	2.81	28.12	264
6825	13.61	-3.81	14.13	285	7825	23.29	-3.35	23.53	278	8825	27.98	2.52	28.10	265
6850	13.67	-4.24	14.31	287	7850	23.40	-2.91	23.58	277	8850	28.77	2.39	28.87	265
6875	13.76	-4.67	14.53	289	7875	24.22	-2.53	24.35	276	8875	28.64	1.99	28.71	266
6900	13.92	-5.01	14.79	290	7900	23.80	-1.58	23.85	274	8900	28.59	1.54	28.63	267
6925	14.07	-5.44	15.09	291	7925	23.62	-0.95	23.64	272	8925	28.97	1.26	28.99	267
6950	14.39	-5.90	15.55	292	7950	24.59	-0.48	24.60	271	8950	29.28	0.97	29.29	268
6975	14.60	-6.29	15.90	293	7975	24.82	-0.06	24.82	270	8975	29.72	0.72	29.73	268
7000	14.74	-6.69	16.19	294	8000	24.90	0.15	24.90	269	9000	28.96	0.43	28.96	269
7025	14.94	-6.96	16.48	295	8025	25.12	0.05	25.12	270	9025	28.92	0.31	28.92	269
7050	15.01	-7.05	16.58	295	8050	23.78	0.16	23.78	269	9050	29.73	0.48	29.73	269
7075	15.29	-7.17	16.89	295	8075	24.51	0.66	24.52	268	9075	30.45	0.55	30.45	269
7100	15.87	-7.40	17.51	295	8100	25.52	1.29	25.56	267	9100	30.67	0.59	30.68	269
7125	16.33	-7.59	18.01	295	8125	24.66	1.76	24.73	266	9125	30.10	0.68	30.11	269
7150	16.70	-7.85	18.45	295	8150	24.49	2.02	24.57	265	9150	30.72	0.72	30.73	268

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 0734 02/05/65, 1308Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	31.77	0.53	31.77	269	10175	34.35	-5.73	34.83	279	11175	45.84	-11.72	47.32	284
9200	32.43	0.15	32.43	270	10200	34.38	-6.05	34.91	280	11200	45.90	-11.88	47.41	284
9225	31.34	-0.08	31.34	270	10225	34.12	-6.05	34.65	280	11225	45.15	-11.82	46.67	284
9250	32.88	-0.42	32.88	271	10250	32.86	-5.85	33.38	280	11250	45.28	-11.83	46.80	284
9275	34.63	-0.71	34.63	271	10275	33.99	-6.43	34.59	281	11275	47.43	-12.01	48.93	284
9300	33.81	-1.04	33.83	272	10300	34.58	-6.83	35.25	281	11300	48.29	-11.90	49.74	284
9325	34.11	-1.32	34.13	272	10325	33.50	-6.98	34.22	282	11325	47.95	-11.59	49.33	283
9350	34.26	-1.34	34.29	272	10350	34.59	-7.88	35.48	283	11350	48.16	-11.24	49.46	283
9375	34.25	-1.19	34.27	272	10375	35.35	-8.62	36.39	284	11375	48.86	-11.09	50.10	283
9400	34.06	-1.09	34.08	272	10400	34.04	-8.59	35.10	284	11400	48.51	-10.71	49.68	282
9425	33.88	-1.04	33.90	272	10425	34.87	-8.87	35.98	284	11425	48.98	-10.47	50.09	282
9450	32.75	-0.95	32.77	271	10450	36.16	-9.30	37.33	284	11450	48.99	-9.94	49.99	281
9475	33.66	-0.98	33.67	271	10475	34.80	-9.24	36.01	285	11475	48.15	-9.59	49.10	281
9500	34.79	-1.17	34.81	272	10500	35.53	-9.74	36.84	285	11500	49.86	-9.96	50.84	281
9525	32.94	-1.07	32.95	272	10525	35.86	-9.82	37.18	285	11525	48.63	-9.52	49.56	281
9550	33.97	-1.15	33.99	272	10550	35.93	-10.17	37.34	286	11550	49.16	-9.63	50.09	281
9575	34.26	-1.57	34.30	272	10575	36.75	-11.06	38.37	287	11575	50.83	-9.46	51.70	280
9600	33.55	-1.93	33.60	273	10600	37.05	-10.95	38.63	286	11600	49.43	-8.56	50.17	280
9625	34.41	-2.41	34.50	274	10625	38.13	-10.92	39.66	286	11625	49.65	-8.63	50.40	280
9650	34.42	-2.84	34.54	275	10650	38.67	-11.11	40.24	286	11650	48.59	-8.31	49.30	280
9675	34.47	-3.17	34.62	275	10675	38.71	-11.10	40.27	286	11675	49.96	-8.01	50.59	279
9700	34.32	-3.31	34.48	275	10700	39.40	-11.20	40.97	286	11700	50.63	-7.74	51.21	279
9725	34.31	-3.43	34.49	276	10725	40.02	-11.21	41.56	285	11725	49.48	-7.24	50.01	278
9750	34.47	-3.69	34.67	276	10750	39.72	-10.96	41.20	285	11750	50.65	-7.32	51.18	278
9775	32.78	-3.65	32.98	276	10775	40.54	-10.90	41.98	285	11775	51.13	-7.60	51.69	278
9800	33.79	-3.89	34.01	276	10800	41.71	-10.88	43.11	284	11800	50.86	-7.86	51.46	279
9825	35.41	-4.25	35.66	277	10825	41.06	-10.37	42.35	284	11825	50.31	-8.59	51.04	280
9850	34.11	-4.30	34.38	277	10850	41.18	-10.05	42.39	284	11850	50.34	-9.42	51.21	280
9875	33.77	-4.21	34.03	277	10875	41.93	-9.68	43.04	283	11875	51.17	-9.75	52.09	281
9900	32.65	-3.90	32.88	277	10900	41.16	-9.12	42.16	282	11900	52.55	-10.37	53.57	281
9925	33.40	-3.92	33.63	277	10925	41.08	-9.11	42.08	282	11925	50.88	-10.31	51.92	281
9950	33.74	-4.11	33.99	277	10950	42.05	-9.38	43.09	282	11950	52.33	-10.75	53.43	281
9975	32.30	-4.19	32.57	277	10975	42.38	-9.54	43.44	283	11975	53.35	-11.05	54.49	282
10000	33.47	-4.36	33.75	277	11000	41.71	-9.72	42.83	283	12000	51.44	-11.04	52.61	282
10025	33.91	-4.30	34.19	277	11025	42.02	-9.92	43.18	283	12025	52.92	-12.00	54.26	283
10050	33.51	-4.47	33.81	277	11050	43.34	-10.19	44.52	283	12050	53.64	-12.43	55.06	283
10075	32.94	-4.68	33.27	278	11075	43.67	-10.49	44.91	283	12075	53.60	-12.53	55.04	283
10100	32.88	-4.83	33.23	278	11100	43.83	-10.72	45.12	284	12100	52.89	-12.32	54.31	283
10125	33.51	-5.30	33.93	279	11125	42.44	-10.80	43.80	284	12125	53.04	-12.02	54.38	283
10150	33.84	-5.53	34.29	279	11150	43.62	-11.36	45.08	284	12150	52.17	-12.12	53.56	283

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-17 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 0734 02/05/65, 1308Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	52.96	-12.50	54.41	283	13175	43.50	-19.47	47.66	294	14175	33.82	-16.21	37.50	295
12200	51.69	-12.04	53.08	283	13200	43.28	-19.41	47.43	294	14200	33.73	-16.42	37.51	296
12225	53.05	-12.12	54.42	283	13225	44.19	-19.87	48.45	294	14225	34.54	-16.87	38.44	296
12250	54.25	-12.12	55.59	282	13250	43.07	-18.80	47.00	293	14250	33.80	-16.71	37.70	296
12275	53.62	-11.80	54.90	282	13275	43.23	-18.72	47.10	293	14275	31.97	-16.11	35.80	297
12300	54.79	-12.08	56.11	282	13300	43.31	-18.60	47.14	293	14300	32.78	-15.52	36.26	295
12325	53.53	-11.82	54.82	282	13325	43.29	-18.30	47.00	293	14325	34.01	-15.95	37.56	295
12350	54.10	-11.69	55.35	282	13350	43.02	-18.20	46.71	293	14350	33.18	-14.92	36.38	294
12375	53.52	-11.68	54.78	282	13375	43.20	-17.46	46.60	292	14375	32.77	-14.07	35.67	293
12400	54.24	-11.99	55.55	282	13400	43.38	-17.14	46.64	291	14400	32.46	-14.09	35.39	293
12425	55.12	-11.95	56.40	282	13425	43.11	-17.04	46.35	291	14425	30.45	-13.27	33.22	293
12450	52.26	-11.65	53.54	282	13450	43.23	-17.68	46.70	292	14450	30.68	-11.63	32.81	291
12475	53.89	-12.25	55.26	283	13475	43.17	-18.21	46.85	293	14475	31.18	-11.31	33.16	290
12500	55.37	-12.78	56.82	283	13500	43.55	-17.58	46.96	292	14500	29.55	-10.29	31.29	289
12525	53.42	-12.71	54.91	283	13525	44.01	-16.78	47.10	291	14525	28.63	-10.29	30.42	290
12550	53.74	-12.87	55.27	283	13550	44.68	-16.18	47.52	290	14550	29.03	-10.08	30.73	289
12575	53.82	-13.04	55.38	283	13575	45.39	-16.61	48.34	290	14575	27.75	-8.27	28.95	286
12600	53.50	-13.04	55.06	284	13600	44.93	-17.45	48.20	291	14600	26.28	-7.98	27.47	287
12625	53.52	-13.24	55.14	284	13625	42.89	-17.55	46.34	292	14625	28.05	-7.62	29.07	285
12650	53.19	-13.56	54.89	284	13650	43.22	-17.95	46.80	292	14650	27.91	-6.63	28.69	283
12675	51.23	-13.46	52.97	285	13675	44.21	-18.66	47.99	293	14675	26.30	-6.14	27.01	283
12700	52.37	-14.55	54.35	285	13700	42.93	-18.90	46.91	294	14700	25.09	-5.71	25.74	283
12725	53.60	-15.34	55.75	286	13725	42.27	-19.69	46.63	295	14725	26.23	-5.26	26.76	281
12750	52.38	-15.14	54.53	286	13750	41.07	-20.08	45.72	296	14750	26.85	-4.60	27.24	280
12775	51.80	-15.36	54.03	286	13775	40.09	-20.60	45.07	297	14775	26.29	-4.25	26.63	279
12800	51.53	-15.73	53.88	287	13800	38.85	-20.52	43.94	298	14800	26.30	-4.24	26.64	279
12825	52.28	-16.33	54.77	287	13825	38.67	-20.46	43.74	298	14825	26.09	-3.74	26.36	278
12850	51.33	-16.52	53.93	288	13850	38.40	-20.84	43.69	298	14850	26.03	-3.38	26.25	277
12875	49.91	-16.44	52.54	288	13875	37.58	-20.36	42.74	298	14875	25.63	-3.55	25.88	278
12900	50.12	-16.49	52.76	288	13900	37.35	-20.02	42.38	298	14900	25.64	-3.95	25.94	279
12925	49.74	-16.42	52.36	288	13925	36.84	-19.58	41.72	298	14925	25.99	-3.51	26.23	278
12950	47.92	-15.75	50.45	288	13950	35.27	-18.93	40.03	298	14950	25.84	-3.23	26.04	277
12975	46.98	-15.83	49.58	288	13975	36.27	-19.11	41.00	298	14975	25.31	-3.47	25.54	278
13000	48.35	-17.36	51.37	290	14000	35.88	-18.82	40.52	298	15000	25.58	-3.50	25.81	278
13025	49.18	-17.23	52.11	289	14025	35.04	-19.22	39.96	299	15025	24.97	-3.04	25.15	277
13050	47.15	-16.33	49.90	289	14050	35.59	-19.32	40.50	298	15050	26.23	-2.63	26.36	276
13075	48.49	-18.68	51.96	291	14075	34.31	-18.33	38.90	298	15075	27.24	-3.36	27.44	277
13100	48.62	-19.99	52.57	292	14100	34.38	-17.89	38.76	297	15100	25.81	-3.21	26.01	277
13125	46.12	-19.81	50.20	293	14125	34.18	-17.26	38.29	297	15125	26.03	-3.28	26.23	277
13150	45.86	-20.17	50.10	294	14150	33.72	-16.44	37.51	296	15150	25.75	-3.50	25.99	278

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 0734 02/05/65, 1308Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	25.57	-3.87	25.86	278										
15200	25.82	-4.16	26.16	279										
15225	25.97	-4.14	26.30	279										
15250	25.75	-4.21	26.09	279										
15275	25.67	-3.51	25.91	278										
15300	27.46	-3.24	27.65	277										
15325	27.73	-3.51	27.95	277										
15350	26.46	-3.78	26.73	278										
15375	26.53	-3.63	26.77	278										
15400	26.74	-2.99	26.91	276										
15425	26.52	-2.37	26.62	275										
15450	26.65	-2.19	26.74	275										
15475	26.70	-2.25	26.80	275										
15500	27.08	-2.57	27.21	275										
15525	27.60	-2.85	27.75	276										
15550	27.19	-2.98	27.35	276										
15575	26.27	-3.18	26.46	277										
15600	26.25	-2.94	26.41	276										
15625	27.05	-2.44	27.16	275										
15650	26.83	-2.23	26.92	275										
15675	26.38	-2.04	26.46	274										
15700	26.38	-2.01	26.46	274										
15725	26.73	-2.41	26.84	275										
15750	26.68	-2.89	26.83	276										
15775	26.46	-3.38	26.67	277										
15800	25.86	-3.58	26.11	278										
15825	25.68	-3.02	25.86	277										
15850	25.60	-2.33	25.70	275										
15875	25.14	-2.25	25.24	275										
15900	25.24	-1.73	25.30	274										
15925	25.75	-1.14	25.77	272										
15950	25.88	0.27	25.89	269										
15975	25.71	0.83	25.72	268										
16000	25.92	0.90	25.93	268										
16025	26.83	0.99	26.84	268										
16050	27.65	1.13	27.68	267										
16075	26.93	1.30	26.96	267										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-18

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 0869 02/10/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
475	-5.56	1.51	5.76	105	1475	-6.57	5.47	8.55	130	2475	-10.64	1.35	10.72	97
500	-5.82	1.26	5.96	102	1500	-7.08	5.27	8.82	126	2500	-10.80	1.22	10.87	96
525	-5.84	1.33	5.99	103	1525	-6.76	5.05	8.44	127	2525	-10.60	1.02	10.65	95
550	-5.64	1.68	5.88	106	1550	-6.49	4.74	8.04	126	2550	-10.84	1.27	10.91	96
575	-6.13	2.11	6.49	109	1575	-6.17	4.57	7.68	126	2575	-9.94	1.78	10.10	100
600	-6.55	1.98	6.85	107	1600	-5.94	5.22	7.91	131	2600	-9.98	1.67	10.12	99
625	-6.12	1.53	6.31	104	1625	-6.11	5.40	8.15	131	2625	-10.11	1.68	10.25	99
650	-6.32	1.72	6.55	105	1650	-5.97	5.03	7.80	130	2650	-9.43	1.94	9.63	101
675	-6.44	1.93	6.72	107	1675	-6.14	5.33	8.13	131	2675	-9.30	1.89	9.49	101
700	-6.48	2.08	6.81	108	1700	-6.45	5.26	8.32	129	2700	-8.50	1.90	8.71	102
725	-7.03	2.10	7.33	106	1725	-6.64	4.74	8.16	125	2725	-7.81	2.32	8.15	106
750	-6.70	2.95	7.32	114	1750	-7.44	4.68	8.79	122	2750	-7.88	2.68	8.32	109
775	-6.00	3.34	6.86	119	1775	-7.89	4.48	9.07	119	2775	-7.70	2.89	8.22	110
800	-6.65	2.52	7.11	111	1800	-7.80	4.10	8.81	118	2800	-8.03	2.61	8.44	108
825	-6.88	2.10	7.19	107	1825	-8.26	3.49	8.97	113	2825	-7.85	2.05	8.11	104
850	-6.86	2.84	7.42	112	1850	-8.38	2.95	8.88	109	2850	-7.38	1.96	7.63	105
875	-7.13	2.90	7.69	112	1875	-8.99	2.65	9.38	106	2875	-7.15	1.98	7.42	105
900	-7.06	2.30	7.42	108	1900	-9.23	2.33	9.52	104	2900	-7.14	1.74	7.35	104
925	-7.21	3.13	7.85	113	1925	-9.57	2.68	9.94	105	2925	-7.13	1.51	7.29	102
950	-7.51	3.43	8.26	114	1950	-9.52	2.41	9.82	104	2950	-7.13	1.27	7.24	100
975	-6.48	3.14	7.20	116	1975	-9.07	1.54	9.20	99	2975	-7.12	1.04	7.19	98
1000	-6.17	3.17	6.93	117	2000	-9.17	1.36	9.27	98	3000	-6.09	1.27	6.22	102
1025	-6.67	3.37	7.47	117	2025	-9.51	1.20	9.59	97	3025	-5.80	1.67	6.04	106
1050	-6.16	3.19	6.94	117	2050	-9.47	0.81	9.50	95	3050	-5.83	1.53	6.02	105
1075	-5.76	2.88	6.44	116	2075	-9.61	0.33	9.62	92	3075	-5.50	1.17	5.62	102
1100	-6.43	3.18	7.17	116	2100	-9.68	0.33	9.69	92	3100	-5.54	1.53	5.75	105
1125	-7.07	3.07	7.71	113	2125	-9.27	0.37	9.28	92	3125	-5.70	1.75	5.97	107
1150	-6.97	3.46	7.78	116	2150	-9.23	1.04	9.29	96	3150	-5.55	1.64	5.79	106
1175	-7.29	3.71	8.17	117	2175	-9.61	0.91	9.65	95	3175	-5.26	1.75	5.54	108
1200	-7.19	3.76	8.11	117	2200	-9.66	0.90	9.70	95	3200	-5.11	1.34	5.29	104
1225	-7.27	4.39	8.49	121	2225	-9.55	1.04	9.61	96	3225	-5.32	1.47	5.52	105
1250	-7.59	4.75	8.95	122	2250	-10.36	1.96	10.54	101	3250	-5.02	2.08	5.44	112
1275	-7.27	5.15	8.91	125	2275	-10.45	1.61	10.57	99	3275	-5.16	2.26	5.63	114
1300	-7.02	5.67	9.02	129	2300	-10.59	1.03	10.63	95	3300	-5.46	2.19	5.88	112
1325	-6.97	5.73	9.02	129	2325	-10.87	1.45	10.97	97	3325	-4.90	2.16	5.36	114
1350	-7.01	5.81	9.10	129	2350	-10.61	1.35	10.69	97	3350	-4.67	2.32	5.22	116
1375	-6.75	5.85	8.93	131	2375	-9.88	0.97	9.92	95	3375	-4.76	2.17	5.23	114
1400	-6.45	5.64	8.57	131	2400	-10.45	0.64	10.47	93	3400	-4.44	1.97	4.86	114
1425	-6.78	5.93	9.00	131	2425	-11.05	0.66	11.07	93	3425	-4.12	1.70	4.46	112
1450	-6.56	5.80	8.76	131	2450	-10.64	0.98	10.68	95	3450	-3.97	1.97	4.43	116

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 0869 02/10/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3475	-3.80	1.86	4.23	116	4475	-0.27	2.68	2.69	174	5475	3.51	2.95	4.59	230
3500	-3.56	1.87	4.02	118	4500	-0.31	2.73	2.75	173	5500	2.80	3.45	4.44	219
3525	-3.45	1.67	3.83	116	4525	-0.32	2.89	2.91	173	5525	2.53	3.88	4.63	213
3550	-3.46	1.11	3.63	108	4550	-0.01	2.63	2.63	180	5550	2.19	3.54	4.17	212
3575	-3.04	0.94	3.18	107	4575	-0.08	2.73	2.73	178	5575	1.72	3.34	3.76	207
3600	-2.56	0.76	2.67	106	4600	-0.20	2.60	2.61	175	5600	1.58	3.84	4.15	202
3625	-2.24	0.42	2.28	101	4625	-0.01	2.69	2.69	180	5625	1.71	4.16	4.50	202
3650	-2.31	0.79	2.44	109	4650	0.08	2.99	2.99	181	5650	1.87	3.68	4.13	207
3675	-2.09	1.60	2.63	127	4675	-0.00	2.86	2.86	180	5675	2.15	3.48	4.09	211
3700	-1.85	1.91	2.66	136	4700	0.20	2.82	2.82	184	5700	2.29	3.41	4.11	214
3725	-1.76	2.00	2.67	138	4725	1.00	2.98	3.14	198	5725	2.70	3.57	4.47	217
3750	-1.45	2.27	2.69	147	4750	1.72	2.67	3.18	213	5750	2.59	3.80	4.61	214
3775	-1.33	2.84	3.14	155	4775	1.69	2.51	3.02	214	5775	2.32	3.92	4.56	210
3800	-1.38	3.73	3.98	160	4800	1.84	2.81	3.36	213	5800	2.29	3.75	4.40	211
3825	-0.67	4.16	4.21	171	4825	1.71	2.75	3.23	212	5825	2.28	3.39	4.08	214
3850	0.28	4.34	4.35	184	4850	1.61	2.92	3.33	209	5850	2.42	3.47	4.23	215
3875	-0.09	4.18	4.18	179	4875	1.76	2.93	3.42	211	5875	2.37	3.61	4.32	213
3900	0.15	3.74	3.75	182	4900	1.69	3.04	3.48	209	5900	2.42	3.25	4.05	216
3925	0.63	3.00	3.06	192	4925	1.61	3.61	3.96	204	5925	2.25	2.42	3.31	223
3950	0.31	3.32	3.34	185	4950	1.75	4.06	4.42	203	5950	2.11	2.55	3.31	219
3975	0.48	3.88	3.91	187	4975	1.82	4.05	4.44	204	5975	2.15	2.46	3.26	221
4000	0.63	3.17	3.23	191	5000	1.85	3.95	4.36	205	6000	1.76	2.13	2.76	219
4025	0.16	3.31	3.31	183	5025	2.20	4.04	4.60	208	6025	1.20	2.01	2.34	211
4050	0.24	3.94	3.95	183	5050	2.38	4.43	5.03	208	6050	0.87	2.29	2.45	201
4075	0.38	3.93	3.95	185	5075	2.04	4.63	5.06	204	6075	0.70	2.19	2.30	197
4100	0.51	3.79	3.83	187	5100	1.70	4.19	4.52	202	6100	0.33	2.57	2.59	187
4125	0.81	3.12	3.22	194	5125	2.20	4.00	4.56	209	6125	-0.14	3.23	3.24	177
4150	0.47	2.88	2.92	189	5150	2.65	3.70	4.55	215	6150	-0.88	2.87	3.01	163
4175	0.48	3.08	3.11	189	5175	2.76	3.44	4.41	219	6175	-0.58	2.57	2.64	167
4200	0.33	2.86	2.88	186	5200	3.00	3.44	4.57	221	6200	-0.37	2.68	2.71	172
4225	0.40	2.52	2.55	189	5225	3.23	3.28	4.60	224	6225	-0.38	2.85	2.88	172
4250	0.62	2.43	2.50	194	5250	3.55	3.35	4.88	226	6250	-0.00	2.58	2.58	180
4275	0.41	2.07	2.11	191	5275	3.45	3.20	4.71	227	6275	-0.84	1.51	1.73	151
4300	-0.09	1.72	1.72	177	5300	3.33	3.05	4.52	227	6300	-0.84	1.54	1.75	151
4325	-0.07	1.57	1.58	177	5325	3.28	2.74	4.28	230	6325	-0.50	1.24	1.33	158
4350	0.06	1.76	1.76	182	5350	3.46	2.70	4.39	232	6350	-0.30	1.28	1.31	167
4375	-0.54	1.99	2.06	165	5375	3.91	2.80	4.81	234	6375	0.09	1.34	1.35	184
4400	-0.62	2.02	2.12	163	5400	4.19	2.52	4.89	239	6400	-0.14	0.88	0.89	171
4425	-0.17	2.19	2.19	175	5425	4.26	2.49	4.94	239	6425	-0.04	0.94	0.94	178
4450	-0.29	2.43	2.45	173	5450	4.07	2.71	4.89	236	6450	-0.18	0.84	0.86	168

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-18 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0869 02/10/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6475	-0.49	0.74	0.88	147	7475	2.25	2.22	3.16	225	8475	9.07	1.15	9.14	263
6500	-0.38	1.04	1.11	160	7500	2.28	2.15	3.13	226	8500	9.20	1.12	9.27	263
6525	-0.21	0.86	0.88	166	7525	2.24	1.64	2.78	234	8525	8.96	1.04	9.02	263
6550	-0.23	0.30	0.38	142	7550	2.75	1.41	3.08	243	8550	9.25	0.85	9.29	265
6575	-0.59	0.17	0.62	106	7575	3.16	1.45	3.48	245	8575	8.93	0.82	8.97	265
6600	-0.38	0.04	0.38	96	7600	3.35	1.56	3.70	245	8600	8.34	0.76	8.38	265
6625	-0.43	-0.13	0.45	73	7625	3.50	1.58	3.84	246	8625	7.99	0.53	8.01	266
6650	-0.76	-0.29	0.82	69	7650	3.87	1.17	4.04	253	8650	7.54	0.34	7.55	267
6675	-0.43	-0.58	0.73	36	7675	4.64	0.64	4.68	262	8675	7.36	-0.28	7.37	272
6700	-0.71	-0.69	0.99	46	7700	5.01	0.70	5.06	262	8700	5.86	-0.65	5.90	276
6725	-0.78	-0.93	1.22	40	7725	5.49	0.40	5.51	266	8725	5.68	-0.75	5.73	277
6750	-0.17	-1.01	1.02	10	7750	6.06	0.41	6.07	266	8750	6.93	-0.91	6.99	277
6775	-0.06	-0.88	0.88	4	7775	6.12	0.73	6.16	263	8775	6.85	-0.89	6.90	277
6800	-0.15	-0.94	0.95	9	7800	6.34	0.66	6.37	264	8800	6.74	-1.12	6.84	279
6825	-0.10	-0.91	0.91	6	7825	6.81	0.64	6.84	264	8825	6.58	-1.16	6.68	280
6850	0.04	-0.86	0.86	357	7850	7.12	0.86	7.17	263	8850	6.34	-1.27	6.47	281
6875	0.27	-0.61	0.67	336	7875	7.17	0.61	7.20	265	8875	6.17	-1.41	6.33	283
6900	0.31	-0.14	0.34	294	7900	7.64	0.80	7.68	264	8900	7.05	-1.80	7.28	284
6925	0.54	-0.02	0.54	272	7925	7.72	1.05	7.80	262	8925	6.57	-1.54	6.75	283
6950	0.48	0.10	0.49	259	7950	7.53	1.05	7.60	262	8950	5.82	-1.31	5.96	283
6975	-0.03	0.18	0.19	171	7975	8.07	1.51	8.21	259	8975	6.26	-1.65	6.47	285
7000	0.03	0.25	0.25	186	8000	8.22	1.51	8.35	259	9000	6.17	-1.67	6.39	285
7025	0.09	0.53	0.54	190	8025	8.45	1.55	8.59	259	9025	5.57	-1.43	5.75	284
7050	0.06	0.37	0.38	189	8050	8.46	1.80	8.65	258	9050	5.06	-1.37	5.24	285
7075	0.01	-0.05	0.05	343	8075	8.87	1.49	8.99	260	9075	4.84	-1.59	5.10	288
7100	0.09	0.40	0.41	192	8100	9.47	1.66	9.61	260	9100	4.85	-1.57	5.10	288
7125	0.53	1.09	1.21	206	8125	9.31	1.80	9.48	259	9125	4.74	-1.49	4.96	287
7150	0.56	1.10	1.23	207	8150	9.26	1.92	9.46	258	9150	4.51	-1.51	4.75	288
7175	0.36	1.43	1.48	194	8175	9.04	2.10	9.28	257	9175	4.25	-1.66	4.56	291
7200	0.68	1.54	1.69	204	8200	9.11	2.05	9.33	257	9200	4.65	-1.88	5.02	292
7225	1.01	1.60	1.89	212	8225	8.66	1.80	8.84	258	9225	5.23	-1.87	5.56	289
7250	1.34	2.11	2.49	212	8250	8.36	1.62	8.52	259	9250	5.49	-1.72	5.75	287
7275	1.59	2.42	2.90	213	8275	8.28	1.74	8.46	258	9275	5.76	-1.52	5.95	285
7300	1.31	2.52	2.84	207	8300	8.49	1.64	8.65	259	9300	6.11	-1.21	6.23	281
7325	1.45	2.45	2.84	210	8325	9.46	1.35	9.56	262	9325	6.31	-1.16	6.41	280
7350	1.68	2.53	3.03	213	8350	9.59	0.94	9.64	264	9350	7.48	-1.15	7.57	279
7375	2.13	2.52	3.30	220	8375	9.31	1.25	9.39	262	9375	7.99	-0.85	8.03	276
7400	2.16	2.45	3.26	221	8400	9.34	1.45	9.45	261	9400	7.64	-0.72	7.68	275
7425	2.19	2.37	3.23	222	8425	9.03	1.34	9.13	261	9425	7.59	-0.90	7.64	277
7450	2.22	2.30	3.19	224	8450	8.79	1.23	8.88	262	9450	7.70	-1.03	7.77	277

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0869 02/10/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9475	7.57	-0.97	7.63	277	10475	11.04	-0.81	11.07	274	11475	10.86	-0.93	10.90	275
9500	7.38	-1.21	7.48	279	10500	10.85	-0.91	10.88	275	11500	11.94	-1.45	12.03	277
9525	7.90	-1.19	7.99	278	10525	10.87	-0.95	10.91	275	11525	13.27	-1.95	13.42	278
9550	7.71	-1.12	7.79	278	10550	10.83	-0.68	10.85	273	11550	13.52	-2.37	13.73	280
9575	7.35	-1.40	7.48	281	10575	10.47	-0.57	10.48	273	11575	14.43	-2.84	14.71	281
9600	7.37	-1.47	7.51	281	10600	10.99	-0.39	10.99	272	11600	14.63	-3.63	15.08	284
9625	7.36	-1.05	7.44	278	10625	11.36	-0.52	11.37	272	11625	14.03	-3.87	14.55	285
9650	7.23	-0.96	7.29	277	10650	10.86	-0.55	10.87	273	11650	13.04	-3.94	13.62	287
9675	6.93	-1.32	7.06	281	10675	10.79	-0.46	10.80	272	11675	12.87	-4.19	13.54	288
9700	7.06	-0.96	7.13	278	10700	11.03	-0.50	11.04	272	11700	13.04	-4.69	13.86	290
9725	7.06	-0.82	7.11	276	10725	11.04	-1.02	11.09	275	11725	12.75	-5.38	13.84	293
9750	6.83	-0.39	6.84	273	10750	10.86	-1.03	10.91	275	11750	12.97	-6.07	14.32	295
9775	7.65	-0.19	7.65	271	10775	10.95	-0.87	10.98	274	11775	12.94	-6.69	14.56	297
9800	7.90	0.02	7.90	270	10800	10.68	-1.20	10.75	276	11800	13.67	-7.46	15.57	298
9825	7.45	0.11	7.45	269	10825	10.91	-1.15	10.97	276	11825	14.12	-8.35	16.41	300
9850	8.02	-0.58	8.04	274	10850	10.56	-1.41	10.65	277	11850	14.26	-9.15	16.95	302
9875	8.50	-0.81	8.54	275	10875	10.25	-1.26	10.32	277	11875	14.25	-9.64	17.20	304
9900	8.07	-0.61	8.10	274	10900	11.53	-1.20	11.60	276	11900	14.25	-9.71	17.24	304
9925	7.84	-0.67	7.87	275	10925	11.14	-1.27	11.21	276	11925	15.38	-10.63	18.70	304
9950	7.67	-0.82	7.71	276	10950	10.49	-1.21	10.56	276	11950	16.47	-11.76	20.24	305
9975	9.07	-0.18	9.07	271	10975	10.74	-1.43	10.84	277	11975	17.19	-12.83	21.45	307
10000	10.42	-0.40	10.43	272	11000	10.89	-1.18	10.96	276	12000	16.41	-12.75	20.78	308
10025	9.97	-0.64	9.99	273	11025	10.58	-1.17	10.64	276	12025	15.99	-12.76	20.46	308
10050	9.70	-0.35	9.70	272	11050	10.21	-1.33	10.30	277	12050	15.89	-13.09	20.59	309
10075	11.44	-0.33	11.44	271	11075	10.19	-1.49	10.30	278	12075	15.68	-13.59	20.75	311
10100	11.22	-0.13	11.22	270	11100	10.16	-1.68	10.30	279	12100	15.65	-14.08	21.05	312
10125	9.63	-0.01	9.63	270	11125	9.83	-1.39	9.93	278	12125	16.72	-15.70	22.93	313
10150	9.32	0.24	9.32	268	11150	9.89	-1.66	10.02	279	12150	17.13	-16.82	24.00	314
10175	8.97	0.31	8.97	268	11175	9.83	-1.54	9.95	279	12175	15.95	-16.83	23.19	316
10200	9.50	0.16	9.51	269	11200	9.78	-1.20	9.85	277	12200	15.61	-17.52	23.46	318
10225	9.84	0.44	9.85	267	11225	9.80	-1.35	9.89	278	12225	16.07	-17.82	24.00	318
10250	9.58	0.49	9.59	267	11250	9.22	-1.08	9.28	276	12250	17.07	-17.96	24.78	316
10275	10.05	0.51	10.06	267	11275	8.98	-0.90	9.02	276	12275	17.49	-17.74	24.91	315
10300	10.15	0.33	10.15	268	11300	8.55	-0.65	8.58	274	12300	18.76	-18.25	26.17	314
10325	9.86	0.00	9.86	270	11325	8.29	-0.60	8.31	274	12325	19.53	-18.96	27.22	314
10350	10.05	0.04	10.05	270	11350	8.25	-0.53	8.27	273	12350	19.78	-19.06	27.46	314
10375	10.42	0.00	10.42	270	11375	7.94	-0.54	7.96	274	12375	20.17	-19.57	28.10	314
10400	9.81	-0.26	9.81	271	11400	7.99	-0.46	8.01	273	12400	19.93	-19.49	27.88	314
10425	10.33	-0.33	10.33	272	11425	8.74	-0.18	8.75	271	12425	20.40	-19.61	28.30	314
10450	11.54	-0.45	11.55	272	11450	10.14	-0.38	10.15	272	12450	20.09	-19.02	27.66	313

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TABLE II-18 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 0869 02/10/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12475	20.68	-19.19	28.21	313	13475	28.49	-17.99	33.70	302					
12500	21.81	-20.52	29.95	313	13500	28.49	-18.24	33.82	302					
12525	21.58	-20.58	29.82	313	13525	28.61	-18.31	33.97	302					
12550	21.77	-20.88	30.16	314	13550	29.36	-18.09	34.48	301					
12575	22.42	-21.18	30.84	313	13575	29.87	-18.74	35.27	302					
12600	23.00	-20.67	30.92	312	13600	29.63	-18.92	35.15	302					
12625	22.98	-19.58	30.20	310	13625	29.86	-19.10	35.45	302					
12650	22.98	-18.93	29.77	309	13650	28.86	-18.70	34.39	303					
12675	23.52	-19.00	30.24	309	13675	30.07	-19.63	35.91	303					
12700	23.87	-18.81	30.39	308	13700	30.78	-20.45	36.95	303					
12725	23.71	-18.26	29.92	307	13725	29.12	-19.68	35.14	304					
12750	23.57	-17.85	29.57	307	13750	28.77	-19.29	34.64	304					
12775	23.48	-17.88	29.51	307	13775	27.95	-18.76	33.66	304					
12800	23.24	-17.60	29.15	307	13800	27.48	-18.48	33.12	304					
12825	22.99	-17.56	28.93	307	13825	27.76	-18.76	33.51	304					
12850	23.42	-17.94	29.50	307	13850	26.78	-18.37	32.47	304					
12875	22.81	-17.18	28.56	307	13875	26.56	-17.95	32.05	304					
12900	22.33	-16.82	27.95	307	13900	25.64	-17.39	30.98	304					
12925	22.92	-16.75	28.39	306	13925	25.89	-18.04	31.55	305					
12950	23.11	-16.30	28.28	305	13950	26.55	-19.06	32.68	305					
12975	23.71	-16.45	28.86	305	13975	24.83	-18.88	31.19	307					
13000	24.00	-16.40	29.06	304	14000	24.40	-19.37	31.16	308					
13025	24.18	-16.56	29.31	304	14025	24.53	-20.07	31.70	309					
13050	25.29	-16.87	30.40	304	14050	23.93	-19.94	31.15	310					
13075	25.84	-17.07	30.97	303	14075	23.41	-19.82	30.68	310					
13100	25.52	-16.76	30.53	303	14100	22.84	-19.37	29.95	310					
13125	25.96	-16.57	30.80	302	14125	22.39	-19.13	29.45	310					
13150	27.38	-17.32	32.39	302	14150	22.67	-19.28	29.76	310					
13175	27.15	-17.50	32.30	303	14175	21.59	-18.14	28.19	310					
13200	26.64	-17.60	31.93	303	14200	21.55	-18.24	28.23	310					
13225	26.94	-18.71	32.80	305	14225	21.90	-18.76	28.83	310					
13250	26.86	-19.09	32.95	305										
13275	26.38	-18.41	32.17	305										
13300	26.42	-18.19	32.07	304										
13325	27.35	-18.75	33.16	304										
13350	27.00	-18.63	32.80	304										
13375	26.79	-18.26	32.42	304										
13400	26.30	-17.67	31.69	304										
13425	26.89	-18.11	32.42	304										
13450	28.44	-18.64	34.00	303										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-19

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 870-01 02/10/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
250	-5.31	6.08	8.07	139	1250	-5.85	4.11	7.15	125	2250	-2.43	4.37	5.00	151
275	-5.43	6.27	8.30	139	1275	-5.38	4.00	6.70	126	2275	-2.51	4.51	5.16	151
300	-5.39	6.21	8.22	139	1300	-5.05	4.11	6.51	129	2300	-2.59	4.71	5.38	151
325	-5.54	6.25	8.35	138	1325	-5.02	4.21	6.56	130	2325	-2.66	4.71	5.41	150
350	-5.67	6.36	8.52	138	1350	-4.93	4.36	6.58	131	2350	-2.68	4.47	5.21	149
375	-5.67	6.32	8.49	138	1375	-4.55	4.27	6.24	133	2375	-2.90	4.41	5.27	146
400	-5.77	6.33	8.57	137	1400	-4.13	3.86	5.65	133	2400	-2.28	4.48	5.03	153
425	-5.78	6.39	8.62	138	1425	-3.89	3.58	5.29	133	2425	-1.01	4.53	4.64	167
450	-5.87	6.48	8.74	138	1450	-3.51	3.28	4.80	133	2450	-0.52	4.61	4.64	173
475	-5.82	6.43	8.67	138	1475	-3.10	3.18	4.44	136	2475	-0.09	4.51	4.51	179
500	-6.00	6.32	8.71	136	1500	-2.99	3.41	4.53	139	2500	0.79	3.97	4.05	191
525	-6.34	6.22	8.88	134	1525	-3.04	3.40	4.56	138	2525	1.47	3.26	3.57	204
550	-6.38	6.12	8.84	134	1550	-3.19	3.29	4.58	136	2550	1.77	2.69	3.22	213
575	-6.60	6.19	9.05	133	1575	-3.33	3.26	4.66	134	2575	1.91	2.39	3.05	218
600	-6.74	6.22	9.17	133	1600	-3.34	3.33	4.72	135	2600	2.03	2.28	3.05	221
625	-6.68	6.12	9.06	132	1625	-3.32	3.40	4.75	135	2625	2.10	2.28	3.10	222
650	-6.82	6.05	9.11	131	1650	-3.24	3.49	4.76	137	2650	2.17	2.21	3.09	224
675	-6.94	5.89	9.11	130	1675	-3.08	3.78	4.87	141	2675	2.13	2.22	3.08	224
700	-7.04	5.66	9.03	129	1700	-2.94	3.92	4.90	143	2700	1.89	2.25	2.94	220
725	-7.37	5.33	9.10	126	1725	-2.82	4.00	4.89	145	2725	1.79	2.13	2.78	220
750	-7.59	5.13	9.16	124	1750	-2.47	4.04	4.74	148	2750	1.79	2.22	2.85	219
775	-7.78	5.12	9.31	123	1775	-2.12	4.09	4.61	152	2775	1.47	2.47	2.87	211
800	-8.02	5.03	9.46	122	1800	-1.78	4.14	4.50	157	2800	0.92	2.69	2.85	199
825	-8.00	4.90	9.38	121	1825	-1.43	4.19	4.42	161	2825	0.57	2.88	2.94	191
850	-7.94	4.68	9.21	120	1850	-1.49	4.00	4.27	159	2850	0.47	3.01	3.04	189
875	-7.87	4.44	9.04	119	1875	-1.56	3.69	4.00	157	2875	0.35	3.25	3.27	186
900	-7.86	4.28	8.95	118	1900	-1.59	3.42	3.77	155	2900	0.16	3.55	3.56	182
925	-7.82	4.28	8.92	118	1925	-1.64	3.55	3.91	155	2925	0.03	3.67	3.67	180
950	-7.66	4.33	8.80	119	1950	-1.70	3.78	4.14	156	2950	-0.06	3.68	3.68	179
975	-7.70	4.14	8.74	118	1975	-1.76	3.84	4.22	155	2975	-0.04	4.02	4.02	179
1000	-7.71	4.02	8.70	117	2000	-1.81	3.88	4.28	155	3000	0.08	4.62	4.62	181
1025	-7.56	4.18	8.64	119	2025	-1.86	3.79	4.22	154	3025	0.01	5.19	5.19	180
1050	-7.37	4.16	8.47	119	2050	-1.91	3.68	4.15	152	3050	-0.26	5.47	5.47	177
1075	-7.11	4.10	8.21	120	2075	-1.96	3.62	4.11	151	3075	-0.26	5.26	5.26	177
1100	-6.82	4.17	8.00	121	2100	-1.99	3.41	3.95	150	3100	-0.15	4.79	4.79	178
1125	-6.68	4.00	7.79	121	2125	-2.03	3.28	3.86	148	3125	-0.17	4.11	4.12	177
1150	-6.73	3.94	7.80	120	2150	-2.09	3.44	4.02	148	3150	-0.20	4.01	4.01	177
1175	-6.82	3.95	7.88	120	2175	-2.17	3.71	4.30	149	3175	-0.43	4.63	4.65	175
1200	-6.63	3.82	7.65	120	2200	-2.26	3.95	4.55	150	3200	-0.86	5.17	5.25	170
1225	-6.23	4.02	7.42	123	2225	-2.34	4.16	4.77	150	3225	-1.23	5.33	5.47	167

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 870-01 02/10/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3250	-1.03	5.11	5.22	168	4250	1.53	6.49	6.67	193	5250	5.94	0.94	6.01	261
3275	-0.54	4.63	4.66	173	4275	1.63	6.52	6.72	194	5275	6.15	0.82	6.21	262
3300	-0.28	3.97	3.98	176	4300	1.79	6.43	6.67	195	5300	6.35	1.02	6.43	261
3325	-0.20	3.73	3.74	177	4325	1.73	6.28	6.51	195	5325	6.29	1.05	6.37	260
3350	-0.16	4.05	4.06	178	4350	1.64	6.05	6.27	195	5350	6.27	1.13	6.37	260
3375	-0.03	4.44	4.44	179	4375	1.69	5.79	6.03	196	5375	6.29	1.32	6.42	258
3400	0.17	4.77	4.77	182	4400	1.80	5.51	5.80	198	5400	6.37	1.47	6.54	257
3425	0.54	4.83	4.86	186	4425	2.00	5.28	5.64	201	5425	6.54	1.49	6.71	257
3450	0.98	4.73	4.83	191	4450	2.22	5.07	5.54	203	5450	6.74	1.43	6.89	258
3475	1.32	4.70	4.88	196	4475	2.25	4.69	5.20	205	5475	6.88	1.54	7.05	257
3500	1.70	4.89	5.18	199	4500	2.28	4.30	4.87	208	5500	6.99	1.98	7.27	254
3525	2.22	5.28	5.73	203	4525	2.35	4.16	4.78	209	5525	7.05	2.37	7.43	251
3550	2.66	5.54	6.14	205	4550	2.35	4.25	4.85	209	5550	6.99	2.59	7.46	249
3575	3.02	5.73	6.47	208	4575	2.24	4.33	4.88	207	5575	7.12	2.82	7.66	248
3600	3.24	5.91	6.74	209	4600	2.13	4.51	4.99	205	5600	7.42	2.85	7.95	249
3625	3.27	6.00	6.84	208	4625	2.17	4.65	5.13	205	5625	7.86	2.90	8.38	250
3650	3.52	5.97	6.93	210	4650	2.28	4.66	5.19	206	5650	8.21	3.14	8.79	249
3675	3.99	5.95	7.17	214	4675	2.32	4.69	5.23	206	5675	8.01	3.46	8.72	246
3700	4.09	5.83	7.13	215	4700	2.31	4.61	5.16	206	5700	7.55	3.72	8.42	244
3725	4.20	5.72	7.09	216	4725	2.33	4.59	5.15	207	5725	7.19	3.98	8.21	241
3750	4.30	5.60	7.06	217	4750	2.35	4.73	5.28	206	5750	6.97	4.18	8.13	239
3775	4.41	5.48	7.03	219	4775	2.62	4.58	5.28	210	5775	6.98	4.35	8.22	238
3800	4.44	5.30	6.92	220	4800	3.14	4.02	5.10	218	5800	6.95	4.61	8.34	236
3825	4.50	5.17	6.85	221	4825	3.68	3.28	4.93	228	5825	6.81	4.90	8.39	234
3850	4.60	5.13	6.89	222	4850	4.17	2.79	5.02	236	5850	6.64	5.25	8.46	231
3875	4.59	5.15	6.90	221	4875	4.37	2.43	5.00	241	5875	6.41	5.53	8.46	229
3900	4.53	5.03	6.77	222	4900	4.33	2.14	4.83	243	5900	6.13	5.49	8.23	228
3925	4.52	4.87	6.64	223	4925	4.31	2.06	4.78	244	5925	5.84	5.54	8.05	226
3950	4.39	4.86	6.55	222	4950	4.47	1.91	4.86	247	5950	5.57	5.84	8.07	223
3975	4.04	5.03	6.45	219	4975	4.73	1.77	5.05	249	5975	5.42	6.05	8.12	222
4000	3.71	5.24	6.42	215	5000	4.79	1.83	5.13	249	6000	5.60	6.02	8.22	223
4025	3.37	5.59	6.53	211	5025	4.84	1.87	5.19	249	6025	5.97	5.83	8.34	225
4050	2.97	5.89	6.59	207	5050	5.07	1.90	5.42	249	6050	6.03	5.60	8.23	227
4075	2.76	5.97	6.58	205	5075	5.23	1.90	5.57	250	6075	5.88	5.45	8.02	227
4100	2.52	6.16	6.65	202	5100	5.27	1.77	5.56	251	6100	5.77	5.40	7.90	227
4125	2.02	6.32	6.63	198	5125	5.35	1.68	5.61	252	6125	5.72	5.40	7.87	226
4150	1.73	6.35	6.58	195	5150	5.42	1.51	5.63	254	6150	5.79	5.53	8.01	226
4175	1.65	6.39	6.60	194	5175	5.52	1.32	5.67	256	6175	5.93	5.73	8.24	226
4200	1.53	6.37	6.55	193	5200	5.73	1.38	5.89	256	6200	6.03	5.82	8.38	226
4225	1.53	6.39	6.57	193	5225	5.89	1.37	6.04	257	6225	6.26	5.83	8.56	227

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-19 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-01 02/10/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6250	6.62	5.55	8.64	230	7250	6.41	-0.61	6.44	275	8250	10.86	1.49	10.96	262
6275	6.81	4.95	8.42	234	7275	6.28	-0.39	6.29	273	8275	10.91	1.50	11.02	262
6300	6.72	4.63	8.16	235	7300	6.06	-0.20	6.07	272	8300	11.16	1.42	11.25	263
6325	6.50	4.67	8.00	234	7325	5.78	0.04	5.78	269	8325	11.37	1.39	11.45	263
6350	6.13	4.56	7.64	233	7350	5.84	0.18	5.85	268	8350	11.50	1.55	11.60	262
6375	5.99	4.14	7.28	235	7375	6.12	0.15	6.12	268	8375	11.57	1.60	11.68	262
6400	5.95	3.73	7.02	238	7400	6.19	0.03	6.19	270	8400	11.54	1.71	11.67	261
6425	5.58	3.51	6.59	238	7425	6.37	-0.04	6.37	270	8425	11.43	1.86	11.58	261
6450	5.21	3.34	6.19	237	7450	6.73	0.03	6.73	270	8450	11.39	2.04	11.57	260
6475	4.94	3.14	5.85	237	7475	6.89	0.06	6.89	269	8475	11.42	2.31	11.65	258
6500	4.68	2.85	5.48	238	7500	6.82	0.18	6.82	268	8500	11.26	2.24	11.48	259
6525	4.57	2.58	5.25	240	7525	6.75	0.36	6.76	267	8525	11.15	2.24	11.37	258
6550	4.79	2.20	5.27	245	7550	6.87	0.58	6.89	265	8550	11.12	2.50	11.39	257
6575	5.26	1.85	5.58	250	7575	6.96	0.86	7.01	263	8575	11.09	2.73	11.42	256
6600	5.55	1.84	5.84	251	7600	6.91	1.16	7.01	260	8600	11.16	2.88	11.52	255
6625	5.65	1.90	5.96	251	7625	7.00	1.35	7.13	259	8625	11.05	3.04	11.46	254
6650	5.74	1.70	5.98	253	7650	7.29	1.47	7.43	258	8650	10.96	3.31	11.45	253
6675	5.95	1.24	6.07	258	7675	7.56	1.58	7.73	258	8675	10.95	3.42	11.47	252
6700	6.15	0.87	6.21	262	7700	7.67	1.60	7.84	258	8700	10.95	3.48	11.49	252
6725	6.14	0.50	6.16	265	7725	7.72	1.52	7.87	259	8725	10.95	3.72	11.57	251
6750	6.32	0.14	6.32	269	7750	7.79	1.32	7.91	260	8750	10.86	4.07	11.60	249
6775	6.48	-0.05	6.48	270	7775	7.81	1.02	7.88	262	8775	10.84	4.36	11.69	248
6800	6.43	-0.07	6.43	270	7800	7.94	0.73	7.97	265	8800	10.84	4.43	11.71	248
6825	6.36	-0.05	6.36	270	7825	8.05	0.58	8.07	266	8825	10.85	4.51	11.75	247
6850	6.40	-0.13	6.41	271	7850	8.06	0.49	8.07	266	8850	10.94	4.69	11.90	247
6875	6.40	-0.25	6.40	272	7875	8.08	0.40	8.09	267	8875	11.03	4.71	12.00	247
6900	6.25	-0.19	6.25	272	7900	8.02	0.45	8.03	267	8900	11.22	4.65	12.14	247
6925	6.11	-0.09	6.11	271	7925	8.09	0.48	8.11	266	8925	11.44	4.75	12.38	247
6950	5.88	0.03	5.88	270	7950	8.39	0.36	8.40	267	8950	11.64	4.82	12.60	247
6975	5.72	0.15	5.73	268	7975	8.77	0.32	8.78	268	8975	11.91	4.92	12.88	247
7000	5.81	0.05	5.81	269	8000	9.06	0.38	9.07	267	9000	12.20	5.00	13.19	248
7025	6.02	-0.19	6.02	272	8025	9.35	0.40	9.36	267	9025	12.27	4.85	13.19	248
7050	6.20	-0.49	6.22	274	8050	9.72	0.39	9.73	268	9050	12.23	4.73	13.11	249
7075	6.14	-0.63	6.17	276	8075	10.09	0.45	10.10	267	9075	12.33	4.74	13.21	249
7100	5.97	-0.58	6.00	275	8100	10.56	0.65	10.58	266	9100	12.43	4.79	13.32	249
7125	5.95	-0.48	5.97	274	8125	10.88	0.82	10.92	266	9125	12.53	4.88	13.45	249
7150	6.13	-0.40	6.14	274	8150	11.07	0.99	11.11	265	9150	12.68	4.89	13.59	249
7175	6.28	-0.43	6.29	274	8175	11.04	1.22	11.11	263	9175	12.87	4.88	13.77	249
7200	6.28	-0.52	6.30	275	8200	10.91	1.35	11.00	263	9200	13.04	4.88	13.92	249
7225	6.40	-0.64	6.43	276	8225	10.92	1.46	11.02	262	9225	13.25	4.84	14.11	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-01 02/10/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9250	13.50	4.80	14.33	250	10250	14.56	5.12	15.43	250	11250	13.64	-3.14	14.00	283
9275	13.55	4.73	14.35	251	10275	14.39	5.14	15.28	250	11275	13.94	-3.46	14.36	284
9300	13.53	4.73	14.33	251	10300	14.39	4.71	15.15	252	11300	14.62	-3.77	15.10	284
9325	13.66	4.86	14.50	250	10325	14.62	4.08	15.17	254	11325	15.01	-4.28	15.61	286
9350	13.95	5.04	14.83	250	10350	14.82	3.71	15.28	256	11350	15.12	-4.57	15.80	287
9375	14.13	4.93	14.96	251	10375	15.21	3.52	15.62	257	11375	15.36	-4.86	16.11	287
9400	14.18	4.73	14.95	251	10400	15.56	3.40	15.93	257	11400	15.62	-6.00	16.74	291
9425	14.32	4.65	15.05	252	10425	15.71	3.29	16.05	258	11425	16.38	-6.84	17.75	292
9450	14.42	4.62	15.14	252	10450	15.82	3.37	16.17	258	11450	16.85	-7.20	18.32	293
9475	14.51	4.58	15.22	252	10475	15.90	3.45	16.27	258	11475	17.10	-7.94	18.85	295
9500	14.69	4.50	15.36	253	10500	15.91	3.24	16.24	258	11500	17.38	-8.68	19.42	296
9525	14.73	4.46	15.39	253	10525	15.89	2.94	16.15	259	11525	17.33	-9.04	19.54	297
9550	14.52	4.48	15.19	253	10550	15.72	2.73	15.95	260	11550	17.73	-9.43	20.08	298
9575	14.42	4.50	15.11	252	10575	15.48	2.57	15.70	260	11575	18.63	-9.91	21.10	298
9600	14.41	4.52	15.11	252	10600	15.34	2.46	15.53	261	11600	19.39	-10.38	21.99	298
9625	14.42	4.58	15.13	252	10625	15.22	2.36	15.40	261	11625	19.97	-10.90	22.75	298
9650	14.66	4.71	15.39	252	10650	14.97	2.08	15.12	262	11650	20.49	-11.23	23.36	299
9675	14.94	4.76	15.68	252	10675	14.46	1.73	14.56	263	11675	21.00	-11.62	24.00	299
9700	15.23	4.68	15.93	253	10700	13.96	1.35	14.02	264	11700	21.80	-12.34	25.05	299
9725	15.55	4.67	16.24	253	10725	13.53	1.16	13.58	265	11725	22.71	-13.38	26.36	300
9750	15.82	4.50	16.45	254	10750	12.99	1.00	13.02	265	11750	23.79	-14.14	27.68	301
9775	15.92	4.16	16.46	255	10775	12.41	0.88	12.45	266	11775	24.62	-14.42	28.53	300
9800	15.74	4.13	16.27	255	10800	11.74	1.11	11.80	264	11800	24.76	-14.45	28.67	300
9825	15.23	4.41	15.86	254	10825	11.52	1.60	11.63	262	11825	24.78	-14.46	28.69	300
9850	14.95	4.64	15.66	253	10850	12.02	2.13	12.21	260	11850	24.93	-14.56	28.87	300
9875	14.92	4.78	15.66	252	10875	12.39	2.45	12.63	259	11875	24.85	-14.47	28.75	300
9900	14.73	4.78	15.49	252	10900	12.18	2.78	12.49	257	11900	24.47	-14.54	28.47	301
9925	14.64	4.82	15.41	252	10925	11.78	3.09	12.17	255	11925	24.13	-14.92	28.37	302
9950	14.62	5.02	15.45	251	10950	11.48	3.26	11.94	254	11950	23.84	-15.12	28.23	302
9975	14.58	5.16	15.47	250	10975	11.24	3.06	11.65	255	11975	23.69	-15.30	28.20	303
10000	14.47	5.16	15.36	250	11000	11.23	2.46	11.50	257	12000	23.89	-15.54	28.50	303
10025	14.36	5.19	15.27	250	11025	11.34	1.57	11.45	262	12025	24.21	-15.75	28.88	303
10050	14.25	5.19	15.17	250	11050	11.34	0.65	11.36	267	12050	24.55	-16.03	29.32	303
10075	14.00	5.16	14.92	250	11075	11.51	-0.34	11.52	272	12075	24.93	-16.21	29.73	303
10100	14.04	5.08	14.93	250	11100	11.90	-1.26	11.97	276	12100	25.00	-16.42	29.91	303
10125	14.42	4.92	15.24	251	11125	12.18	-1.68	12.30	278	12125	24.95	-16.57	29.95	303
10150	14.65	4.84	15.42	252	11150	12.30	-1.95	12.45	279	12150	25.20	-16.75	30.26	303
10175	14.65	4.88	15.45	251	11175	12.67	-2.39	12.90	280	12175	25.37	-16.91	30.49	304
10200	14.56	5.00	15.40	251	11200	13.20	-2.74	13.48	282	12200	25.54	-17.11	30.74	304
10225	14.51	5.09	15.38	251	11225	13.49	-2.92	13.80	282	12225	25.78	-17.21	31.00	304

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-19 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-01 02/10/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12250	25.93	-17.29	31.17	304	13250	25.84	-17.79	31.37	304	14250	22.30	-20.50	30.29	312
12275	26.23	-17.54	31.55	304	13275	25.83	-17.80	31.37	304	14275	21.56	-20.59	29.82	314
12300	26.51	-17.53	31.78	303	13300	25.72	-17.64	31.19	304	14300	21.15	-20.36	29.36	314
12325	26.60	-17.31	31.73	303	13325	25.29	-17.67	30.86	305	14325	20.59	-19.99	28.70	314
12350	27.02	-17.23	32.05	302	13350	25.20	-17.67	30.77	305	14350	20.16	-19.67	28.17	314
12375	27.51	-17.32	32.51	302	13375	25.11	-17.49	30.60	305	14375	19.78	-19.16	27.54	314
12400	27.59	-17.60	32.72	302	13400	24.73	-17.36	30.21	305	14400	19.18	-18.64	26.75	314
12425	27.71	-17.73	32.90	302	13425	24.48	-17.38	30.02	305	14425	18.92	-18.43	26.41	314
12450	27.82	-17.86	33.06	303	13450	24.46	-17.45	30.05	305	14450	18.55	-18.22	26.00	314
12475	27.87	-17.99	33.17	303	13475	24.30	-17.14	29.73	305	14475	18.20	-18.03	25.61	315
12500	27.81	-17.93	33.09	303	13500	24.08	-16.64	29.27	304	14500	18.04	-17.81	25.35	314
12525	27.87	-17.92	33.13	303	13525	24.13	-16.31	29.13	304	14525	17.95	-17.63	25.16	314
12550	28.05	-17.88	33.27	302	13550	24.06	-16.11	28.96	304	14550	18.01	-17.47	25.10	314
12575	28.01	-17.98	33.28	303	13575	24.01	-15.80	28.74	303	14575	17.94	-17.10	24.78	313
12600	27.95	-18.15	33.33	303	13600	24.14	-15.72	28.81	303	14600	17.76	-16.54	24.26	313
12625	27.70	-18.30	33.20	303	13625	24.16	-15.83	28.89	303	14625	17.56	-15.82	23.63	312
12650	27.42	-18.47	33.06	304	13650	24.01	-15.75	28.72	303	14650	17.34	-15.20	23.06	311
12675	27.51	-18.62	33.22	304	13675	24.24	-15.93	29.01	303	14675	17.07	-14.68	22.51	311
12700	27.65	-18.81	33.44	304	13700	24.35	-16.29	29.30	304	14700	17.16	-14.18	22.26	309
12725	27.88	-18.84	33.65	304	13725	24.26	-16.54	29.36	304	14725	17.15	-13.51	21.83	308
12750	28.04	-18.69	33.70	304	13750	24.44	-16.69	29.59	304	14750	16.82	-12.84	21.16	307
12775	27.89	-18.67	33.56	304	13775	24.51	-16.89	29.76	304	14775	16.82	-12.09	20.72	306
12800	27.72	-18.62	33.39	304	13800	24.47	-17.02	29.81	305	14800	16.58	-11.56	20.21	305
12825	27.59	-18.43	33.18	304	13825	24.42	-17.13	29.83	305	14825	15.97	-11.39	19.61	305
12850	27.72	-18.30	33.21	303	13850	24.34	-17.12	29.76	305	14850	15.68	-10.87	19.08	305
12875	27.78	-18.33	33.28	303	13875	24.37	-17.16	29.80	305	14875	15.46	-9.93	18.37	303
12900	27.60	-18.46	33.20	304	13900	24.41	-17.60	30.09	306	14900	15.45	-9.39	18.08	301
12925	27.53	-18.49	33.16	304	13925	24.22	-17.78	30.05	306	14925	15.50	-9.04	17.94	300
12950	27.72	-18.48	33.32	304	13950	24.11	-18.05	30.12	307	14950	15.75	-8.39	17.84	298
12975	27.76	-18.49	33.35	303	13975	23.86	-18.35	30.10	307	14975	16.33	-7.63	18.02	295
13000	27.64	-18.24	33.12	303	14000	23.68	-18.45	30.02	308	15000	16.53	-7.06	17.98	293
13025	27.37	-18.02	32.77	303	14025	23.79	-18.56	30.18	308	15025	16.86	-6.84	18.19	292
13050	27.16	-17.91	32.53	303	14050	23.57	-18.86	30.18	308	15050	17.35	-6.96	18.69	292
13075	27.27	-17.65	32.48	303	14075	23.15	-19.23	30.09	310	15075	17.85	-6.85	19.12	291
13100	27.13	-17.37	32.22	302	14100	22.89	-19.50	30.07	310	15100	18.95	-6.01	19.88	287
13125	26.99	-17.31	32.06	302	14125	22.71	-19.63	30.02	311	15125	19.50	-5.70	20.31	286
13150	26.84	-17.30	31.94	303	14150	22.54	-19.52	29.82	311	15150	19.88	-5.71	20.69	286
13175	26.74	-17.34	31.87	303	14175	23.00	-19.62	30.23	310	15175	20.54	-5.09	21.16	284
13200	26.52	-17.43	31.74	303	14200	23.21	-19.94	30.60	310	15200	21.28	-4.59	21.77	282
13225	26.09	-17.56	31.45	304	14225	22.80	-20.19	30.45	311	15225	22.12	-4.78	22.63	282

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-01 02/10/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15250	22.55	-5.25	23.15	283	16250	12.07	-12.49	17.37	316					
15275	23.02	-5.27	23.62	283	16275	12.07	-12.26	17.21	315					
15300	23.62	-5.44	24.24	283	16300	12.06	-11.77	16.85	314					
15325	24.21	-5.62	24.85	283	16325	12.06	-11.74	16.84	314					
15350	24.72	-5.99	25.44	283	16350	12.30	-12.04	17.21	314					
15375	25.00	-6.40	25.81	284	16375	12.68	-11.75	17.28	313					
15400	25.49	-6.37	26.28	284	16400	12.57	-11.88	17.30	313					
15425	25.92	-6.44	26.71	284	16425	12.55	-12.53	17.74	315					
15450	26.43	-6.60	27.24	284	16450	12.57	-12.78	17.93	315					
15475	27.10	-6.74	27.93	284	16475	12.44	-13.19	18.13	316					
15500	27.66	-6.96	28.52	284	16500	11.65	-12.89	17.38	318					
15525	28.05	-7.80	29.12	285	16525	11.30	-12.69	16.99	318					
15550	28.31	-8.25	29.49	286	16550	11.55	-13.24	17.57	319					
15575	28.66	-8.83	29.99	287	16575	11.52	-13.27	17.57	319					
15600	28.49	-9.57	30.06	288	16600	11.59	-12.54	17.07	317					
15625	28.02	-10.34	29.86	290	16625	11.56	-11.47	16.28	315					
15650	28.25	-11.41	30.47	292	16650	11.26	-11.53	16.11	315					
15675	28.45	-12.38	31.03	293	16675	10.85	-11.56	15.85	317					
15700	28.10	-12.95	30.94	295	16700	10.96	-10.49	15.18	314					
15725	27.81	-13.67	30.98	296	16725	11.05	-10.37	15.16	313					
15750	27.61	-14.50	31.18	298	16750	11.00	-11.20	15.70	315					
15775	27.07	-14.89	30.89	299	16775	11.27	-11.82	16.33	316					
15800	26.38	-14.87	30.28	299	16800	12.02	-12.51	17.34	316					
15825	25.70	-14.33	29.43	299	16825	12.49	-12.61	17.75	315					
15850	24.60	-14.07	28.34	300	16850	12.26	-12.55	17.55	316					
15875	23.51	-14.44	27.59	301										
15900	22.58	-14.73	26.96	303										
15925	21.82	-14.67	26.30	304										
15950	20.70	-14.75	25.42	305										
15975	19.36	-15.13	24.57	308										
16000	18.19	-15.45	23.86	310										
16025	17.17	-15.33	23.01	312										
16050	16.04	-15.42	22.25	314										
16075	15.01	-15.53	21.60	316										
16100	14.18	-15.43	20.96	317										
16125	13.16	-15.43	20.28	319										
16150	12.08	-14.86	19.15	321										
16175	11.50	-13.95	18.08	320										
16200	11.60	-13.40	17.73	319										
16225	11.98	-12.94	17.63	317										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-20

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-2 02/10/65 1428Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
2675	0.42	2.76	2.79	189	3875	3.46	4.54	5.70	217	4875	3.70	1.17	3.88	252
2900	0.52	3.00	3.05	190	3900	3.30	4.80	5.83	214	4900	3.95	0.57	3.99	262
2925	0.66	3.38	3.44	191	3925	3.06	5.15	5.99	211	4925	4.16	0.06	4.16	269
2950	0.85	3.38	3.49	194	3950	2.93	5.35	6.10	209	4950	4.39	-0.21	4.39	273
2975	1.05	3.50	3.66	196	3975	2.90	5.60	6.31	207	4975	4.41	-0.33	4.42	274
3000	1.21	3.98	4.16	197	4000	2.81	5.70	6.35	206	5000	4.34	-0.24	4.35	273
3025	1.27	4.55	4.72	195	4025	2.81	5.65	6.31	206	5025	4.39	-0.07	4.39	271
3050	1.23	5.29	5.43	193	4050	2.76	5.78	6.41	205	5050	4.55	-0.17	4.55	272
3075	1.04	5.98	6.07	190	4075	2.49	6.01	6.51	202	5075	4.65	-0.38	4.67	274
3100	0.87	6.04	6.11	188	4100	2.21	6.06	6.45	200	5100	4.66	-0.47	4.69	276
3125	0.71	5.96	6.00	187	4125	2.06	6.01	6.36	199	5125	4.76	-0.24	4.76	273
3150	0.25	6.12	6.12	182	4150	2.07	6.06	6.40	199	5150	4.83	0.05	4.83	269
3175	0.16	6.08	6.08	181	4175	2.01	6.08	6.41	198	5175	4.81	0.04	4.81	269
3200	0.55	5.72	5.74	185	4200	1.98	5.96	6.28	198	5200	4.92	0.03	4.92	269
3225	0.82	5.42	5.49	188	4225	2.07	5.88	6.23	199	5225	5.17	0.07	5.17	269
3250	0.84	4.98	5.05	189	4250	1.99	5.96	6.29	198	5250	5.25	0.16	5.26	268
3275	0.88	4.50	4.58	191	4275	1.87	5.91	6.20	197	5275	5.30	0.34	5.31	266
3300	1.26	4.60	4.77	195	4300	1.82	5.88	6.16	197	5300	5.39	0.35	5.40	266
3325	1.60	5.03	5.28	197	4325	1.68	5.85	6.09	196	5325	5.50	0.45	5.52	265
3350	1.76	5.40	5.68	198	4350	1.41	5.68	5.86	194	5350	5.62	0.62	5.65	263
3375	2.04	5.46	5.83	200	4375	1.27	5.39	5.54	193	5375	5.59	0.57	5.61	264
3400	2.33	5.30	5.79	204	4400	1.16	4.98	5.12	193	5400	5.58	0.52	5.60	265
3425	2.59	5.22	5.83	206	4425	1.16	4.71	4.85	194	5425	5.61	0.47	5.63	265
3450	2.97	5.18	5.97	210	4450	1.28	4.60	4.77	195	5450	5.65	0.40	5.67	266
3475	3.30	5.05	6.04	213	4475	1.45	4.46	4.69	198	5475	5.65	0.40	5.66	266
3500	3.51	4.86	5.99	216	4500	1.69	4.29	4.61	201	5500	5.58	0.40	5.59	266
3525	3.78	4.74	6.06	218	4525	1.73	4.16	4.50	202	5525	5.67	0.33	5.68	267
3550	3.96	4.78	6.21	219	4550	1.66	4.11	4.43	202	5550	5.84	0.32	5.85	267
3575	3.82	4.84	6.17	218	4575	1.64	4.17	4.48	201	5575	5.93	0.53	5.96	265
3600	3.76	4.79	6.09	218	4600	1.77	4.27	4.62	202	5600	6.12	0.59	6.14	264
3625	3.97	4.87	6.28	219	4625	1.76	4.42	4.75	202	5625	6.41	0.45	6.43	266
3650	4.04	4.98	6.41	219	4650	1.70	4.47	4.79	201	5650	6.81	0.49	6.83	266
3675	3.98	4.91	6.33	219	4675	1.84	4.42	4.79	202	5675	7.14	0.66	7.17	265
3700	3.92	4.82	6.21	219	4700	2.00	4.42	4.85	204	5700	7.32	0.95	7.38	262
3725	3.83	4.88	6.20	218	4725	2.12	4.33	4.73	206	5725	7.47	1.22	7.58	260
3750	3.70	4.93	6.16	217	4750	2.32	3.80	4.45	211	5750	7.59	1.42	7.72	259
3775	3.75	4.70	6.01	218	4775	2.68	3.14	4.13	220	5775	7.96	1.45	8.09	259
3800	3.79	4.45	5.84	220	4800	2.99	2.48	3.89	230	5800	8.16	1.68	8.33	258
3825	3.62	4.50	5.77	219	4825	3.29	2.09	3.90	237	5825	7.93	2.13	8.21	255
3850	3.50	4.54	5.73	217	4850	3.50	1.69	3.89	244	5850	7.51	2.65	7.97	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-2 02/10/65 1428Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
5875	7.17	2.91	7.74	248	6875	6.42	0.24	6.43	268	7875	7.90	2.45	8.27	253
5900	7.08	3.03	7.70	247	6900	6.43	0.02	6.43	270	7900	8.05	2.11	8.32	255
5925	6.84	3.19	7.55	245	6925	6.27	-0.18	6.27	272	7925	8.11	1.86	8.32	257
5950	6.47	3.45	7.33	242	6950	6.07	-0.15	6.07	271	7950	8.03	1.74	8.21	258
5975	6.24	3.72	7.27	239	6975	6.02	0.15	6.03	268	7975	8.00	1.60	8.16	258
6000	6.21	3.94	7.35	237	7000	5.99	0.43	6.01	266	8000	7.90	1.53	8.04	259
6025	6.35	4.38	7.71	235	7025	5.82	0.50	5.84	265	8025	7.78	1.59	7.94	258
6050	6.29	4.71	7.86	233	7050	5.55	0.53	5.58	264	8050	7.74	1.81	7.95	257
6075	6.03	4.70	7.65	232	7075	5.50	0.55	5.52	264	8075	7.61	1.92	7.85	256
6100	5.81	4.76	7.51	230	7100	5.68	0.65	5.72	263	8100	7.40	1.74	7.61	257
6125	5.74	4.82	7.50	230	7125	5.76	0.70	5.80	263	8125	7.38	1.60	7.55	258
6150	5.81	4.95	7.63	229	7150	5.88	0.68	5.92	263	8150	7.50	1.54	7.66	258
6175	5.79	5.16	7.76	228	7175	6.20	0.83	6.25	262	8175	7.84	1.63	8.00	258
6200	5.69	5.26	7.75	227	7200	6.17	0.90	6.23	261	8200	8.32	1.75	8.50	258
6225	5.50	5.24	7.60	226	7225	5.83	0.95	5.90	261	8225	8.72	1.93	8.93	257
6250	5.62	5.11	7.59	227	7250	5.42	0.95	5.50	260	8250	8.92	2.06	9.15	257
6275	6.16	5.17	8.04	230	7275	5.22	1.03	5.32	259	8275	9.13	2.16	9.38	257
6300	6.74	5.12	8.47	233	7300	5.31	1.09	5.43	258	8300	9.36	2.26	9.63	256
6325	7.04	4.83	8.54	235	7325	5.42	1.11	5.53	258	8325	9.51	2.23	9.76	257
6350	7.24	4.46	8.50	238	7350	5.49	1.09	5.60	259	8350	9.79	2.20	10.03	257
6375	7.35	4.03	8.39	241	7375	5.69	1.20	5.82	258	8375	10.12	2.24	10.37	257
6400	7.30	3.77	8.22	242	7400	6.03	1.40	6.19	257	8400	10.49	2.29	10.74	258
6425	7.19	3.64	8.06	243	7425	6.29	1.47	6.46	257	8425	10.75	2.30	11.00	258
6450	7.02	3.67	7.92	242	7450	6.25	1.50	6.43	256	8450	10.84	2.40	11.10	257
6475	6.73	3.72	7.69	241	7475	5.99	1.46	6.16	256	8475	10.94	2.60	11.25	256
6500	6.44	3.53	7.34	241	7500	5.65	1.35	5.81	256	8500	11.04	2.81	11.39	256
6525	6.32	3.15	7.06	243	7525	5.47	1.41	5.65	255	8525	10.97	3.06	11.39	254
6550	6.13	2.91	6.78	244	7550	5.41	1.60	5.64	253	8550	10.90	3.26	11.38	253
6575	5.79	2.75	6.41	244	7575	5.40	1.74	5.67	252	8575	10.94	3.35	11.44	253
6600	5.49	2.68	6.11	244	7600	5.53	1.81	5.82	252	8600	11.02	3.42	11.54	253
6625	5.27	2.58	5.87	244	7625	5.96	1.87	6.24	252	8625	11.15	3.52	11.69	252
6650	5.15	2.33	5.65	246	7650	6.39	1.83	6.65	254	8650	11.33	3.63	11.90	252
6675	5.22	2.12	5.63	248	7675	6.50	1.95	6.79	253	8675	11.41	3.70	11.99	252
6700	5.32	1.82	5.62	251	7700	6.48	2.36	6.90	250	8700	11.36	3.89	12.01	251
6725	5.46	1.67	5.71	253	7725	6.65	2.67	7.16	248	8725	11.26	4.06	11.97	250
6750	5.59	1.79	5.87	252	7750	6.90	2.72	7.42	248	8750	11.07	4.15	11.82	249
6775	5.68	1.70	5.93	253	7775	7.21	2.77	7.72	249	8775	11.02	4.40	11.86	248
6800	5.79	1.20	5.91	258	7800	7.44	2.93	8.00	248	8800	11.01	4.66	11.96	247
6825	6.08	0.83	6.14	262	7825	7.50	2.81	8.01	249	8825	10.93	4.70	11.90	247
6850	6.41	0.55	6.44	265	7850	7.72	2.63	8.16	251	8850	10.91	4.90	11.96	246

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-20 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-2 02/10/65 1428Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
8875	10.96	5.15	12.11	245	9875	15.51	5.06	16.32	252	10875	14.50	1.89	14.63	262
8900	11.00	5.14	12.14	245	9900	15.52	4.57	16.56	254	10900	14.64	1.07	14.68	266
8925	11.16	5.15	12.29	245	9925	16.30	4.10	16.81	256	10925	14.76	0.20	14.76	269
8950	11.21	5.11	12.32	245	9950	16.30	3.53	16.68	258	10950	14.93	-0.41	14.94	271
8975	11.30	5.06	12.38	246	9975	16.27	2.93	16.54	260	10975	15.14	-0.85	15.17	273
9000	11.52	5.05	12.58	246	10000	16.08	2.59	16.28	261	11000	15.12	-1.31	15.17	275
9025	11.63	4.96	12.65	247	10025	15.89	2.36	16.07	261	11025	15.10	-1.73	15.19	276
9050	11.66	4.92	12.66	247	10050	15.56	2.15	15.71	262	11050	15.28	-2.34	15.46	279
9075	11.72	4.92	12.71	247	10075	15.17	1.99	15.30	262	11075	15.41	-2.96	15.69	281
9100	11.94	4.92	12.92	247	10100	14.90	1.80	15.01	263	11100	15.33	-3.23	15.67	282
9125	12.15	4.78	13.06	248	10125	14.50	1.68	14.60	263	11125	15.24	-3.40	15.62	282
9150	12.20	4.63	13.05	249	10150	14.17	1.56	14.25	264	11150	15.50	-4.15	16.04	285
9175	12.17	4.61	12.97	249	10175	13.90	1.53	13.98	264	11175	15.80	-4.86	16.53	287
9200	11.93	4.60	12.79	249	10200	13.66	1.64	13.76	263	11200	15.74	-5.27	16.59	288
9225	11.81	4.57	12.66	249	10225	13.41	1.68	13.52	263	11225	15.78	-5.72	16.79	290
9250	11.90	4.54	12.74	249	10250	13.22	1.75	13.34	262	11250	15.94	-6.18	17.09	291
9275	12.00	4.67	12.88	249	10275	12.90	1.81	13.03	262	11275	15.85	-6.79	17.25	293
9300	12.23	4.86	13.16	248	10300	12.49	1.84	12.62	261	11300	15.73	-7.26	17.32	295
9325	12.27	5.02	13.26	248	10325	12.16	2.17	12.35	260	11325	15.99	-8.15	17.94	297
9350	12.16	5.18	13.21	247	10350	11.90	2.80	12.22	257	11350	16.54	-8.99	18.83	298
9375	12.28	5.38	13.41	246	10375	11.63	3.15	12.05	255	11375	16.81	-9.32	19.22	299
9400	12.38	5.55	13.57	246	10400	11.44	3.52	11.96	253	11400	16.92	-9.77	19.54	300
9425	12.42	5.61	13.63	246	10425	11.25	3.71	11.84	252	11425	17.14	-10.03	19.86	300
9450	12.46	5.58	13.65	246	10450	11.10	3.87	11.76	251	11450	17.52	-9.92	20.13	299
9475	12.50	5.57	13.69	246	10475	11.10	4.18	11.86	249	11475	18.02	-10.13	20.67	299
9500	12.68	5.66	13.89	246	10500	10.91	4.12	11.66	249	11500	18.60	-10.94	21.58	300
9525	12.72	5.68	13.93	246	10525	10.77	4.08	11.52	249	11525	19.35	-11.85	22.69	301
9550	12.64	5.62	13.83	246	10550	10.55	4.30	11.40	248	11550	20.57	-12.33	23.98	301
9575	12.66	5.59	13.84	246	10575	10.19	4.62	11.19	245	11575	22.10	-12.65	25.47	300
9600	12.73	5.58	13.90	246	10600	9.93	4.65	10.97	245	11600	23.22	-12.79	26.51	299
9625	12.77	5.60	13.94	246	10625	10.43	4.11	11.22	248	11625	23.94	-12.81	27.15	298
9650	12.84	5.62	14.01	246	10650	11.75	3.60	12.29	253	11650	24.61	-12.89	27.78	297
9675	13.04	5.71	14.23	246	10675	12.89	3.37	13.32	255	11675	24.93	-12.87	28.06	297
9700	13.24	5.88	14.49	246	10700	13.94	3.02	14.27	258	11700	25.03	-12.81	28.12	297
9725	13.66	6.02	14.93	246	10725	14.96	2.72	15.21	260	11725	25.13	-12.93	28.26	297
9750	14.09	6.06	15.34	247	10750	15.55	2.47	15.75	261	11750	25.19	-13.23	28.45	298
9775	14.40	6.10	15.64	247	10775	15.74	2.36	15.91	261	11775	25.23	-13.55	28.64	298
9800	14.66	5.99	15.84	248	10800	15.63	2.48	15.83	261	11800	25.28	-13.67	28.74	298
9825	14.78	5.70	15.84	249	10825	15.26	2.48	15.46	261	11825	25.31	-13.73	28.79	298
9850	15.17	5.43	16.11	250	10850	14.75	2.30	14.93	261	11850	25.18	-13.81	28.72	299

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-2 02/10/65 1428Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
11875	25.22	-13.82	28.76	299	12875	27.96	-18.21	33.37	303	13875	22.51	-17.79	28.69	308
11900	25.52	-13.91	29.07	298	12900	28.15	-18.23	33.54	303	13900	22.60	-17.89	28.83	308
11925	25.79	-14.25	29.47	299	12925	28.36	-18.21	33.70	303	13925	22.63	-18.09	28.98	308
11950	26.18	-14.46	29.91	299	12950	28.44	-18.30	33.82	303	13950	22.78	-18.18	29.14	308
11975	26.51	-14.55	30.24	299	12975	28.48	-18.50	33.96	303	13975	22.94	-18.26	29.32	308
12000	26.76	-14.63	30.50	298	13000	28.51	-18.77	34.13	303	14000	22.91	-18.47	29.43	309
12025	27.22	-14.72	30.94	298	13025	28.51	-18.99	34.25	303	14025	23.06	-18.38	29.49	308
12050	27.55	-15.02	31.38	298	13050	28.43	-18.93	34.15	303	14050	23.15	-18.60	29.70	309
12075	27.64	-15.25	31.57	299	13075	28.23	-18.80	33.92	303	14075	23.11	-18.91	29.86	309
12100	27.62	-15.48	31.66	299	13100	28.03	-18.67	33.67	303	14100	23.11	-19.00	29.92	309
12125	27.49	-15.64	31.63	299	13125	27.75	-18.58	33.39	304	14125	22.91	-19.22	29.91	310
12150	27.43	-15.88	31.70	300	13150	27.53	-18.56	33.20	304	14150	22.97	-19.54	30.16	310
12175	27.48	-16.09	31.84	300	13175	27.20	-18.47	32.88	304	14175	23.44	-19.94	30.77	310
12200	27.47	-16.28	31.93	300	13200	26.84	-18.18	32.42	304	14200	23.82	-20.23	31.25	310
12225	27.61	-16.41	32.12	301	13225	26.42	-18.07	32.01	304	14225	24.11	-20.40	31.58	310
12250	27.60	-16.39	32.10	301	13250	26.01	-17.98	31.62	304	14250	24.14	-20.56	31.70	310
12275	27.52	-16.32	32.00	300	13275	25.70	-17.56	31.13	304	14275	23.75	-20.67	31.49	311
12300	27.72	-16.08	32.05	300	13300	24.99	-17.31	30.40	305	14300	23.27	-20.30	30.88	311
12325	27.98	-15.89	32.18	299	13325	24.75	-17.11	30.09	304	14325	22.76	-20.04	30.32	311
12350	28.15	-15.94	32.35	299	13350	24.64	-16.69	29.76	304	14350	22.30	-19.75	29.78	311
12375	28.21	-15.99	32.43	299	13375	24.49	-16.28	29.41	303	14375	21.85	-19.27	29.13	311
12400	28.42	-15.99	32.61	299	13400	24.45	-16.02	29.23	303	14400	21.44	-19.12	28.73	312
12425	28.30	-16.21	32.62	300	13425	24.16	-15.54	28.72	303	14425	21.06	-18.85	28.27	312
12450	28.13	-16.47	32.60	300	13450	23.86	-15.04	28.21	302	14450	20.49	-18.23	27.43	311
12475	28.30	-16.67	32.84	300	13475	23.56	-14.65	27.74	302	14475	19.94	-17.49	26.52	311
12500	28.12	-16.70	32.70	301	13500	23.45	-14.59	27.61	302	14500	19.55	-16.84	25.80	311
12525	27.81	-16.48	32.32	300	13525	23.51	-15.00	27.89	302	14525	19.14	-16.11	25.02	310
12550	27.71	-16.28	32.14	300	13550	23.37	-15.20	27.88	303	14550	18.66	-15.25	24.10	309
12575	27.71	-16.35	32.17	300	13575	23.20	-15.67	28.00	304	14575	18.30	-14.65	23.44	309
12600	27.56	-16.65	32.19	301	13600	23.25	-16.00	28.22	304	14600	18.01	-14.22	22.95	308
12625	27.25	-17.17	32.21	302	13625	23.15	-16.03	28.16	305	14625	17.73	-13.49	22.28	307
12650	27.05	-17.47	32.20	303	13650	22.89	-16.28	28.09	305	14650	17.30	-12.70	21.46	306
12675	26.97	-17.40	32.10	303	13675	22.88	-16.44	28.17	306	14675	16.96	-12.22	20.90	306
12700	27.23	-17.50	32.36	303	13700	22.87	-16.54	28.23	306	14700	16.97	-11.56	20.53	304
12725	27.45	-17.65	32.63	303	13725	22.92	-16.69	28.35	306	14725	16.96	-11.01	20.23	303
12750	27.46	-17.82	32.75	303	13750	23.02	-16.82	28.51	306	14750	16.90	-10.60	19.94	302
12775	27.59	-17.98	32.93	303	13775	22.74	-16.77	28.25	306	14775	17.09	-10.03	19.82	300
12800	27.73	-18.10	33.12	303	13800	22.64	-16.88	28.24	307	14800	16.95	-9.51	19.43	299
12825	27.89	-18.13	33.26	303	13825	22.62	-17.03	28.31	307	14825	16.80	-8.94	19.03	298
12850	27.88	-18.17	33.28	303	13850	22.55	-17.29	28.42	307	14850	16.94	-8.44	18.93	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-2 02/10/65 1428Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
14875	16.96	-8.07	18.78	295	15875	23.87	-14.20	27.78	301	16875	8.07	-13.10	15.38	328
14900	16.42	-7.62	18.11	295	15900	23.09	-13.76	26.88	301	16900	8.54	-13.10	15.64	327
14925	16.36	-7.34	17.94	294	15925	22.12	-13.75	26.04	302	16925	9.30	-13.10	16.06	324
14950	16.94	-6.93	18.30	292	15950	20.99	-13.80	25.12	303	16950	9.87	-12.18	15.68	321
14975	16.96	-6.27	18.08	290	15975	19.68	-14.25	24.30	306	16975	9.78	-11.72	15.26	320
15000	16.95	-5.63	17.86	288	16000	18.37	-14.62	23.48	308	17000	9.41	-11.38	14.77	320
15025	17.00	-5.44	17.85	288	16025	17.06	-14.43	22.34	310	17025	9.57	-11.37	14.86	320
15050	17.23	-5.25	18.01	287	16050	15.45	-14.78	21.38	314	17050	10.13	-11.50	15.33	318
15075	17.63	-4.79	18.27	285	16075	14.15	-15.05	20.66	317	17075	10.31	-11.07	15.13	317
15100	18.26	-4.63	18.84	284	16100	13.19	-14.71	19.76	318	17100	9.90	-10.33	14.31	316
15125	18.64	-4.34	19.14	283	16125	12.04	-14.46	18.81	320	17125	9.19	-10.08	13.64	317
15150	19.17	-4.24	19.63	282	16150	11.85	-14.24	18.52	320	17150	8.56	-9.92	13.10	319
15175	20.01	-4.39	20.49	282	16175	12.00	-14.37	18.72	320	17175	8.73	-9.87	13.18	318
15200	20.70	-4.24	21.13	281	16200	12.49	-14.55	19.18	319	17200	9.21	-9.71	13.38	316
15225	21.19	-3.45	21.47	279	16225	13.27	-14.37	19.57	317	17225	9.48	-9.16	13.18	314
15250	21.63	-3.31	21.88	279	16250	13.05	-14.27	19.34	317	17250	9.25	-8.78	12.75	313
15275	22.18	-3.62	22.48	279	16275	12.57	-14.62	19.28	319					
15300	22.75	-3.96	23.10	280	16300	13.20	-14.96	19.95	318					
15325	23.49	-5.08	24.03	282	16325	13.82	-14.91	20.32	317					
15350	23.78	-5.33	24.37	282	16350	14.47	-14.66	20.60	315					
15375	24.44	-5.12	24.97	282	16375	14.53	-14.52	20.54	315					
15400	25.23	-5.34	25.78	282	16400	14.33	-14.89	20.67	316					
15425	25.55	-5.74	26.19	282	16425	14.84	-15.40	21.39	316					
15450	26.31	-5.75	26.93	282	16450	15.00	-15.56	21.61	316					
15475	26.79	-6.05	27.46	283	16475	14.83	-15.44	21.41	316					
15500	26.78	-6.49	27.55	283	16500	14.38	-15.50	21.14	317					
15525	26.95	-6.87	27.81	284	16525	13.97	-15.60	20.94	318					
15550	27.37	-7.37	28.35	285	16550	13.96	-15.55	20.90	318					
15575	27.94	-7.83	29.02	285	16575	13.57	-15.13	20.32	318					
15600	28.16	-8.44	29.40	287	16600	13.13	-14.78	19.77	318					
15625	28.06	-9.50	29.62	289	16625	12.49	-15.10	19.60	320					
15650	27.82	-10.83	29.85	291	16650	12.06	-14.93	19.19	321					
15675	27.37	-11.84	29.82	293	16675	12.12	-14.32	18.76	320					
15700	27.13	-12.47	29.86	295	16700	11.49	-14.00	18.11	320					
15725	27.09	-12.84	29.98	295	16725	10.91	-13.78	17.57	321					
15750	27.18	-13.42	30.32	296	16750	10.63	-13.67	17.31	322					
15775	27.18	-13.86	30.51	297	16775	10.38	-13.94	17.38	323					
15800	26.23	-14.07	29.77	298	16800	9.72	-14.28	17.27	326					
15825	25.10	-14.05	28.77	299	16825	9.08	-13.89	16.60	327					
15850	24.57	-14.11	28.33	300	16850	8.57	-13.54	16.02	328					

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-21

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-03 02/10/65, 1530Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
250	-3.45	8.14	8.85	157	1250	-7.39	1.75	7.59	103	2250	-0.88	3.68	3.78	166
275	-3.39	8.03	8.72	157	1275	-6.99	1.74	7.20	104	2275	-1.09	3.84	3.99	164
300	-3.67	7.86	8.67	155	1300	-6.41	1.87	6.68	106	2300	-1.38	3.89	4.13	160
325	-3.87	7.66	8.58	153	1325	-5.89	2.08	6.25	109	2325	-1.56	3.83	4.13	158
350	-4.04	7.57	8.58	152	1350	-5.46	2.25	5.91	112	2350	-1.56	3.77	4.07	157
375	-4.01	7.44	8.45	151	1375	-4.88	2.79	5.62	120	2375	-1.32	3.39	3.63	159
400	-3.95	7.37	8.36	152	1400	-4.22	3.31	5.37	128	2400	-1.12	2.98	3.18	159
425	-3.96	7.25	8.26	151	1425	-3.68	3.73	5.24	135	2425	-1.13	2.78	3.00	158
450	-3.83	7.03	8.01	151	1450	-3.26	4.14	5.27	142	2450	-0.86	2.39	2.54	160
475	-3.74	6.87	7.82	151	1475	-3.09	4.26	5.26	144	2475	-0.47	2.06	2.11	167
500	-3.74	6.82	7.78	151	1500	-2.90	4.49	5.35	147	2500	-0.28	1.97	1.99	172
525	-3.81	6.88	7.87	151	1525	-2.91	4.55	5.40	147	2525	-0.05	1.69	1.69	178
550	-3.84	6.83	7.83	150	1550	-3.01	4.49	5.41	146	2550	0.30	1.37	1.40	192
575	-3.78	6.80	7.78	151	1575	-2.92	4.40	5.28	146	2575	0.50	1.46	1.55	199
600	-3.87	6.71	7.75	150	1600	-2.74	4.20	5.02	147	2600	0.54	1.84	1.92	196
625	-3.96	6.47	7.59	148	1625	-2.51	3.91	4.65	147	2625	0.49	2.32	2.37	192
650	-4.04	6.37	7.54	147	1650	-2.28	3.66	4.32	148	2650	0.17	2.65	2.66	184
675	-4.12	6.18	7.43	146	1675	-2.09	3.51	4.09	149	2675	0.07	2.49	2.49	182
700	-4.06	5.97	7.22	146	1700	-1.96	3.64	4.13	151	2700	0.26	2.46	2.48	186
725	-4.27	5.81	7.21	143	1725	-1.76	4.12	4.48	157	2725	0.44	2.94	2.98	188
750	-4.40	5.54	7.07	141	1750	-1.53	4.35	4.61	160	2750	0.78	3.33	3.42	193
775	-4.45	5.25	6.89	140	1775	-1.52	4.32	4.58	160	2775	1.08	3.59	3.75	197
800	-4.53	5.01	6.75	138	1800	-1.69	4.29	4.61	158	2800	1.20	3.79	3.97	197
825	-4.51	4.88	6.65	137	1825	-1.78	4.33	4.68	157	2825	1.32	3.77	4.00	199
850	-4.80	4.67	6.70	134	1850	-1.73	4.47	4.79	159	2850	1.27	3.66	3.88	199
875	-5.09	4.11	6.55	129	1875	-1.62	4.42	4.70	160	2875	1.24	3.60	3.81	199
900	-5.27	3.65	6.41	125	1900	-1.37	4.36	4.57	162	2900	1.43	3.68	3.94	201
925	-5.48	3.53	6.52	123	1925	-1.22	4.43	4.59	164	2925	1.74	3.84	4.22	204
950	-5.33	3.28	6.25	121	1950	-1.18	4.30	4.45	164	2950	1.98	4.16	4.60	205
975	-5.07	3.03	5.91	121	1975	-1.12	4.14	4.29	165	2975	1.96	4.45	4.86	204
1000	-5.13	2.91	5.90	119	2000	-1.21	4.03	4.21	163	3000	1.85	4.88	5.22	201
1025	-5.31	2.99	6.10	119	2025	-1.42	4.04	4.28	160	3025	1.72	5.68	5.93	197
1050	-5.60	3.21	6.46	120	2050	-1.69	4.21	4.54	158	3050	1.45	6.36	6.52	193
1075	-5.96	3.19	6.76	118	2075	-1.88	4.26	4.66	156	3075	1.25	6.59	6.71	191
1100	-6.20	3.11	6.94	116	2100	-1.80	4.15	4.53	156	3100	1.08	6.71	6.79	189
1125	-6.31	3.02	7.00	115	2125	-1.51	4.11	4.38	160	3125	0.64	6.92	6.95	185
1150	-6.42	2.90	7.04	114	2150	-1.24	4.05	4.23	163	3150	0.50	7.07	7.09	184
1175	-6.65	2.68	7.17	112	2175	-1.03	4.01	4.14	165	3175	0.91	6.86	6.92	187
1200	-7.11	2.27	7.46	108	2200	-0.96	3.95	4.06	166	3200	1.47	6.37	6.54	193
1225	-7.45	1.94	7.70	104	2225	-0.93	3.74	3.85	166	3225	1.87	5.86	6.15	198

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-03 02/10/65, 1530Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3250	2.17	5.42	5.84	202	4250	2.36	5.95	6.40	201	5250	4.47	-0.57	4.51	277
3275	2.39	5.23	5.75	204	4275	2.13	6.08	6.45	199	5275	4.51	-0.71	4.56	279
3300	2.56	5.28	5.86	206	4300	1.82	6.12	6.38	196	5300	4.51	-0.84	4.59	280
3325	2.79	5.29	5.98	208	4325	1.37	5.86	6.02	193	5325	4.46	-1.01	4.57	283
3350	2.92	5.33	6.07	209	4350	1.20	5.59	5.72	192	5350	4.25	-0.85	4.33	281
3375	3.11	5.41	6.24	210	4375	1.23	5.40	5.53	193	5375	4.14	-0.53	4.18	277
3400	3.44	5.31	6.33	213	4400	1.01	5.38	5.47	190	5400	4.35	-0.43	4.37	275
3425	3.66	5.29	6.43	215	4425	0.91	5.35	5.42	189	5425	4.79	-0.52	4.82	276
3450	3.79	5.26	6.48	216	4450	0.88	5.22	5.29	189	5450	5.15	-0.46	5.17	275
3475	3.85	5.09	6.38	217	4475	0.67	5.17	5.22	187	5475	5.35	-0.31	5.36	273
3500	3.86	5.00	6.32	217	4500	0.56	5.11	5.14	186	5500	5.35	0.02	5.35	270
3525	3.81	5.10	6.37	217	4525	0.70	4.94	4.99	188	5525	5.20	0.21	5.20	267
3550	3.73	5.25	6.43	215	4550	1.03	4.85	4.96	192	5550	5.20	0.20	5.20	268
3575	3.65	5.21	6.36	215	4575	1.22	4.93	5.07	194	5575	5.27	0.40	5.29	265
3600	3.69	5.12	6.31	216	4600	1.24	4.94	5.10	194	5600	5.25	0.51	5.27	264
3625	3.63	5.10	6.26	215	4625	1.29	4.88	5.05	195	5625	5.25	0.59	5.28	263
3650	3.56	5.07	6.19	215	4650	1.21	4.86	5.01	194	5650	5.38	0.68	5.43	263
3675	3.64	5.06	6.23	216	4675	1.07	4.92	5.03	192	5675	5.72	0.68	5.76	263
3700	3.62	5.14	6.28	215	4700	1.05	4.95	5.06	192	5700	6.04	0.72	6.09	263
3725	3.67	5.07	6.26	216	4725	1.22	4.96	5.10	194	5725	6.21	0.82	6.27	262
3750	3.83	4.98	6.28	217	4750	1.50	4.84	5.07	197	5750	6.33	0.86	6.39	262
3775	3.88	5.11	6.41	217	4775	1.70	4.73	5.03	200	5775	6.47	0.93	6.54	262
3800	3.97	5.28	6.61	217	4800	1.79	4.57	4.90	201	5800	6.78	1.11	6.87	261
3825	4.05	5.38	6.73	217	4825	2.06	4.02	4.52	207	5825	7.15	1.25	7.26	260
3850	3.82	5.45	6.65	215	4850	2.45	3.53	4.30	215	5850	7.19	1.50	7.34	258
3875	3.44	5.43	6.43	212	4875	2.79	3.13	4.19	222	5875	6.99	1.82	7.23	255
3900	3.24	5.39	6.28	211	4900	3.20	2.55	4.09	231	5900	6.88	2.26	7.24	252
3925	3.04	5.58	6.36	208	4925	3.56	1.90	4.03	242	5925	6.91	2.65	7.41	249
3950	2.87	5.84	6.50	206	4950	3.86	1.13	4.02	254	5950	7.01	2.88	7.58	247
3975	2.86	5.99	6.63	205	4975	4.04	0.45	4.07	264	5975	7.00	3.20	7.70	245
4000	2.95	6.02	6.70	206	5000	4.09	-0.03	4.09	270	6000	6.82	3.45	7.64	243
4025	3.01	5.84	6.57	207	5025	4.07	-0.15	4.07	272	6025	6.57	3.58	7.49	241
4050	2.97	5.68	6.41	207	5050	3.99	-0.10	3.99	271	6050	6.38	3.81	7.43	239
4075	2.93	5.64	6.35	207	5075	4.00	-0.04	4.00	270	6075	6.38	4.12	7.60	237
4100	2.84	5.75	6.41	206	5100	4.08	-0.17	4.08	272	6100	6.53	4.35	7.85	236
4125	2.72	5.88	6.48	205	5125	4.15	-0.30	4.16	274	6125	6.55	4.50	7.95	235
4150	2.53	5.85	6.37	203	5150	4.18	-0.22	4.18	273	6150	6.77	4.41	8.07	237
4175	2.54	5.77	6.31	204	5175	4.07	-0.19	4.07	273	6175	7.13	4.14	8.25	240
4200	2.57	5.79	6.33	204	5200	4.08	-0.23	4.08	273	6200	7.37	3.84	8.31	242
4225	2.46	5.89	6.38	202	5225	4.28	-0.34	4.30	274	6225	7.49	3.62	8.32	244

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-21 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-03 02/10/65, 1530Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6250	7.54	3.57	8.34	244	7250	6.79	1.65	6.99	256	8250	8.49	2.80	8.94	252
6275	7.60	3.50	8.36	245	7275	6.46	1.82	6.71	254	8275	8.91	2.96	9.39	251
6300	7.69	3.37	8.40	246	7300	5.78	1.94	6.10	251	8300	9.35	3.05	9.84	252
6325	7.76	3.22	8.41	247	7325	5.35	2.09	5.74	248	8325	9.71	3.07	10.18	252
6350	7.71	3.16	8.34	248	7350	5.10	2.23	5.57	246	8350	10.03	3.05	10.48	253
6375	7.51	2.93	8.06	248	7375	5.03	2.37	5.56	245	8375	10.40	3.04	10.83	254
6400	7.33	2.74	7.83	249	7400	5.16	2.38	5.69	245	8400	10.65	3.08	11.09	254
6425	7.23	2.90	7.79	248	7425	5.31	2.43	5.85	245	8425	10.74	3.17	11.20	253
6450	7.19	3.15	7.84	246	7450	5.52	2.37	6.01	247	8450	10.96	3.40	11.47	253
6475	7.06	3.25	7.78	245	7475	5.87	2.34	6.32	248	8475	11.17	3.78	11.79	251
6500	6.89	3.09	7.55	246	7500	6.22	2.54	6.72	248	8500	11.28	4.06	11.99	250
6525	6.74	2.96	7.36	246	7525	6.50	2.77	7.07	247	8525	11.33	4.21	12.09	249
6550	6.46	2.88	7.08	246	7550	6.62	2.76	7.17	247	8550	11.41	4.23	12.17	249
6575	6.24	2.72	6.80	246	7575	6.60	2.65	7.11	248	8575	11.47	4.27	12.24	249
6600	6.00	2.56	6.52	247	7600	6.39	2.73	6.95	247	8600	11.46	4.41	12.28	249
6625	5.74	2.20	6.15	249	7625	6.23	2.76	6.81	246	8625	11.57	4.53	12.43	248
6650	5.58	1.88	5.89	251	7650	6.09	2.70	6.66	246	8650	11.81	4.52	12.65	249
6675	5.53	1.82	5.82	252	7675	5.94	2.79	6.57	245	8675	11.98	4.39	12.76	250
6700	5.41	1.85	5.72	251	7700	5.78	3.08	6.55	242	8700	11.95	4.33	12.71	250
6725	5.17	1.78	5.47	251	7725	5.75	3.38	6.67	239	8725	11.79	4.41	12.59	249
6750	5.12	1.81	5.43	250	7750	5.94	3.37	6.83	240	8750	11.72	4.57	12.58	249
6775	5.38	2.01	5.74	249	7775	6.17	3.24	6.97	242	8775	11.68	4.57	12.54	248
6800	5.74	1.92	6.05	251	7800	6.42	3.39	7.26	242	8800	11.72	4.50	12.55	249
6825	6.06	1.56	6.26	255	7825	6.71	3.51	7.57	242	8825	11.80	4.64	12.68	248
6850	6.39	1.24	6.51	259	7850	7.07	3.75	8.00	242	8850	11.99	4.81	12.92	248
6875	6.42	1.03	6.50	261	7875	7.35	3.96	8.34	242	8875	12.10	4.94	13.07	248
6900	6.24	0.93	6.31	261	7900	7.56	3.86	8.49	243	8900	12.09	4.90	13.04	248
6925	6.12	0.87	6.18	262	7925	7.69	3.64	8.51	244	8925	12.16	4.86	13.10	248
6950	6.14	0.78	6.19	263	7950	7.75	3.35	8.44	246	8950	12.23	4.84	13.16	248
6975	6.29	0.80	6.34	263	7975	7.74	2.96	8.29	249	8975	12.22	4.96	13.19	248
7000	6.32	0.98	6.40	261	8000	7.68	2.68	8.13	251	9000	12.20	5.10	13.22	247
7025	6.13	1.17	6.24	259	8025	7.70	2.74	8.18	250	9025	12.41	4.98	13.37	248
7050	5.93	1.38	6.09	257	8050	7.63	2.81	8.13	250	9050	12.47	4.72	13.34	249
7075	6.04	1.51	6.23	256	8075	7.54	2.84	8.06	249	9075	12.51	4.58	13.32	250
7100	6.29	1.56	6.48	256	8100	7.37	2.82	7.89	249	9100	12.62	4.57	13.43	250
7125	6.45	1.53	6.63	256	8125	7.14	2.83	7.68	248	9125	12.62	4.67	13.46	249
7150	6.76	1.52	6.92	257	8150	7.26	2.77	7.77	249	9150	12.63	4.75	13.49	249
7175	7.10	1.44	7.24	258	8175	7.54	2.70	8.01	250	9175	12.47	4.78	13.36	249
7200	7.05	1.32	7.17	259	8200	7.84	2.71	8.29	251	9200	12.22	4.72	13.10	249
7225	6.81	1.41	6.96	258	8225	8.17	2.66	8.59	252	9225	12.28	4.66	13.13	249

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-03 02/10/65, 1530Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9250	12.34	4.69	13.21	249	10250	10.18	2.54	10.49	256	11250	16.45	-6.58	17.72	292
9275	12.12	4.59	12.96	249	10275	9.99	3.21	10.49	252	11275	16.56	-6.90	17.95	292
9300	12.00	4.43	12.79	250	10300	10.19	3.62	10.81	250	11300	16.96	-7.35	18.48	293
9325	11.88	4.62	12.75	249	10325	10.37	3.91	11.09	249	11325	17.37	-7.92	19.09	294
9350	11.87	4.84	12.82	248	10350	10.35	4.21	11.17	248	11350	17.39	-8.60	19.40	296
9375	11.90	4.82	12.84	248	10375	10.26	4.40	11.16	247	11375	17.76	-9.25	20.03	297
9400	11.88	4.92	12.86	247	10400	10.24	4.60	11.23	246	11400	18.41	-9.87	20.89	298
9425	11.78	4.92	12.76	247	10425	10.41	4.66	11.41	246	11425	18.81	-10.33	21.46	299
9450	11.48	4.82	12.45	247	10450	10.64	4.62	11.60	246	11450	19.13	-10.51	21.83	299
9475	11.54	4.91	12.54	247	10475	10.81	4.46	11.70	247	11475	19.59	-10.82	22.38	299
9500	11.77	5.15	12.85	246	10500	11.29	3.80	11.91	251	11500	20.19	-11.33	23.16	299
9525	11.82	5.16	12.90	246	10525	11.94	2.98	12.30	256	11525	20.95	-11.82	24.05	299
9550	11.89	5.08	12.92	247	10550	12.51	2.29	12.72	259	11550	21.87	-12.38	25.13	299
9575	12.00	5.14	13.06	247	10575	13.31	1.88	13.44	262	11575	22.59	-12.82	25.97	299
9600	12.19	5.16	13.24	247	10600	14.29	1.81	14.41	263	11600	23.52	-12.86	26.80	298
9625	12.37	5.21	13.42	247	10625	14.74	1.82	14.85	263	11625	24.64	-13.00	27.86	298
9650	12.68	5.27	13.73	247	10650	14.28	1.49	14.36	264	11650	25.28	-13.33	28.58	298
9675	13.03	5.18	14.02	248	10675	13.72	0.75	13.74	267	11675	25.86	-13.42	29.14	297
9700	13.38	5.06	14.30	249	10700	13.52	0.10	13.52	269	11700	26.50	-13.47	29.72	297
9725	13.96	5.05	14.85	250	10725	13.36	-0.26	13.36	271	11725	27.06	-13.40	30.20	296
9750	14.45	5.05	15.31	251	10750	13.24	-0.40	13.25	272	11750	27.48	-13.32	30.54	296
9775	14.77	4.87	15.55	252	10775	13.16	-0.63	13.17	273	11775	27.68	-13.29	30.71	295
9800	15.37	4.37	15.98	254	10800	13.04	-0.78	13.06	273	11800	27.81	-13.25	30.80	295
9825	15.94	3.65	16.35	257	10825	12.81	-1.07	12.85	275	11825	27.86	-13.28	30.86	295
9850	16.11	3.29	16.44	258	10850	12.65	-1.51	12.74	277	11850	28.00	-13.39	31.04	295
9875	16.27	3.27	16.60	258	10875	12.87	-1.69	12.98	277	11875	28.13	-13.59	31.24	296
9900	16.39	3.29	16.72	258	10900	13.02	-1.93	13.17	278	11900	28.24	-13.81	31.43	296
9925	16.43	3.15	16.73	259	10925	13.11	-2.12	13.28	279	11925	28.56	-14.08	31.84	296
9950	16.42	2.73	16.65	260	10950	13.31	-2.31	13.51	280	11950	28.63	-14.21	31.96	296
9975	16.06	2.16	16.20	262	10975	13.58	-2.50	13.81	280	11975	28.61	-14.24	31.96	296
10000	15.53	1.76	15.63	263	11000	13.85	-2.77	14.13	281	12000	28.57	-14.30	31.95	296
10025	15.15	1.63	15.24	264	11025	14.05	-3.17	14.40	283	12025	28.64	-14.40	32.06	297
10050	14.63	1.57	14.71	264	11050	14.27	-3.57	14.71	284	12050	28.99	-14.45	32.39	296
10075	14.08	1.49	14.15	264	11075	14.49	-4.20	15.09	286	12075	29.19	-14.58	32.62	296
10100	13.57	1.51	13.65	263	11100	14.73	-4.72	15.47	288	12100	29.21	-14.79	32.74	297
10125	12.99	1.58	13.08	263	11125	15.13	-5.00	15.94	288	12125	28.97	-14.78	32.52	297
10150	12.51	1.58	12.61	263	11150	15.40	-5.25	16.27	289	12150	28.64	-14.58	32.13	297
10175	11.98	1.68	12.10	262	11175	15.45	-5.50	16.40	289	12175	28.29	-14.07	31.60	296
10200	11.32	1.76	11.45	261	11200	15.77	-5.81	16.80	290	12200	28.20	-13.99	31.48	296
10225	10.71	1.98	10.90	259	11225	16.23	-6.25	17.39	291	12225	28.49	-14.40	31.92	297

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-21 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-03 02/10/65, 1530Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12250	28.56	-14.68	32.12	297	13250	23.70	-14.20	27.63	301	14250	23.00	-17.33	28.80	307
12275	28.64	-15.06	32.36	298	13275	23.83	-13.98	27.62	300	14275	22.73	-17.37	28.61	307
12300	28.81	-15.41	32.67	298	13300	23.77	-13.99	27.58	300	14300	22.18	-17.25	28.10	308
12325	28.68	-15.62	32.66	298	13325	23.97	-13.96	27.74	300	14325	22.13	-16.94	27.87	307
12350	28.54	-15.81	32.63	299	13350	24.08	-13.98	27.84	300	14350	22.24	-16.71	27.82	307
12375	28.48	-16.07	32.70	299	13375	23.87	-14.13	27.74	300	14375	22.11	-16.66	27.68	307
12400	28.43	-16.37	32.80	300	13400	23.82	-14.09	27.68	300	14400	21.91	-16.68	27.53	307
12425	28.46	-16.53	32.91	300	13425	23.70	-14.14	27.59	301	14425	21.55	-16.41	27.08	307
12450	28.51	-16.65	33.02	300	13450	23.62	-14.47	27.70	301	14450	21.12	-15.95	26.46	307
12475	28.53	-16.75	33.08	300	13475	23.53	-14.60	27.69	302	14475	20.71	-15.50	25.87	307
12500	28.21	-16.67	32.77	300	13500	23.49	-14.49	27.59	301	14500	20.25	-15.18	25.31	307
12525	28.12	-16.62	32.67	300	13525	23.48	-14.51	27.60	302	14525	19.73	-14.98	24.77	307
12550	28.17	-16.79	32.80	301	13550	23.26	-14.69	27.51	302	14550	19.37	-14.41	24.14	306
12575	28.32	-16.88	32.97	301	13575	23.19	-14.98	27.61	303	14575	19.01	-13.77	23.47	306
12600	26.98	-16.15	31.44	301	13600	23.11	-15.20	27.66	303	14600	18.58	-12.90	22.62	305
12625	26.89	-16.19	31.39	301	13625	23.12	-15.24	27.69	303	14625	18.14	-12.07	21.79	303
12650	28.21	-16.87	32.87	301	13650	23.32	-15.40	27.95	303	14650	17.75	-11.56	21.18	303
12675	28.04	-16.80	32.69	301	13675	23.31	-15.47	27.98	303	14675	17.56	-10.65	20.53	301
12700	28.05	-16.89	32.74	301	13700	23.33	-15.55	28.04	304	14700	17.49	-9.87	20.08	299
12725	28.00	-16.99	32.75	301	13725	23.41	-15.80	28.24	304	14725	17.39	-9.31	19.73	298
12750	27.86	-16.94	32.61	301	13750	23.45	-16.06	28.42	304	14750	17.20	-8.77	19.30	297
12775	27.77	-16.98	32.55	301	13775	23.37	-16.23	28.45	305	14775	17.31	-8.42	19.25	296
12800	27.77	-17.21	32.67	302	13800	23.45	-16.23	28.52	305	14800	17.68	-7.91	19.37	294
12825	27.98	-17.53	33.02	302	13825	23.48	-16.44	28.66	305	14825	17.72	-7.04	19.07	291
12850	28.10	-17.77	33.24	302	13850	23.67	-16.72	28.98	305	14850	17.62	-6.38	18.74	290
12875	27.98	-17.78	33.15	302	13875	23.89	-16.69	29.14	305	14875	17.65	-5.75	18.56	288
12900	27.77	-17.69	32.93	302	13900	23.96	-16.69	29.20	305	14900	17.75	-5.15	18.49	286
12925	27.51	-17.68	32.70	303	13925	23.96	-16.93	29.34	305	14925	18.03	-4.48	18.58	284
12950	27.26	-17.60	32.45	303	13950	23.86	-17.13	29.37	305	14950	18.48	-4.07	18.93	282
12975	26.83	-17.30	31.92	303	13975	23.93	-17.30	29.53	306	14975	18.81	-4.13	19.26	282
13000	26.33	-16.75	31.21	302	14000	24.13	-17.50	29.80	306	15000	19.14	-3.45	19.45	280
13025	25.88	-16.19	30.53	302	14025	24.45	-17.69	30.18	306	15025	19.32	-3.03	19.56	279
13050	25.33	-16.01	29.97	302	14050	24.85	-18.06	30.72	306	15050	19.55	-3.01	19.78	279
13075	24.79	-16.07	29.54	303	14075	25.01	-18.41	31.05	306	15075	20.07	-2.83	20.27	278
13100	24.59	-16.07	29.37	303	14100	25.03	-18.48	31.12	306	15100	20.60	-3.17	20.84	279
13125	24.76	-16.17	29.57	303	14125	24.81	-18.47	30.93	306	15125	20.51	-2.94	20.72	278
13150	24.67	-16.21	29.51	303	14150	24.37	-18.22	30.43	307	15150	20.73	-3.25	20.99	279
13175	24.46	-15.79	29.12	303	14175	23.86	-17.91	29.83	307	15175	21.26	-3.86	21.61	280
13200	24.28	-15.36	28.73	302	14200	23.49	-17.59	29.34	307	15200	21.60	-3.55	21.89	279
13225	23.84	-14.84	28.08	302	14225	23.26	-17.36	29.02	307	15225	22.21	-3.08	22.42	278

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-03 02/10/65, 1530Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15250	22.71	-3.15	22.93	278										
15275	22.96	-3.02	23.16	277										
15300	23.74	-3.00	23.93	277										
15325	24.68	-3.68	24.95	278										
15350	25.05	-3.82	25.34	278										
15375	25.05	-3.71	25.32	278										
15400	24.98	-4.88	25.45	281										
15425	25.81	-5.11	26.31	281										
15450	26.54	-5.13	27.03	281										
15475	26.68	-5.55	27.25	282										
15500	27.04	-5.85	27.66	282										
15525	27.61	-6.74	28.42	284										
15550	28.45	-6.55	29.20	283										
15575	28.47	-6.67	29.24	283										
15600	28.12	-7.39	29.08	285										
15625	27.87	-8.39	29.10	287										
15650	27.26	-9.90	29.00	290										
15675	26.96	-9.80	28.68	290										
15700	26.88	-9.85	28.62	290										
15725	26.42	-10.65	28.48	292										
15750	26.63	-11.13	28.87	293										
15775	27.29	-11.68	29.69	293										
15800	27.25	-12.16	29.84	294										
15825	26.93	-12.54	29.71	295										
15850	26.24	-12.87	29.22	296										
15875	25.43	-13.19	28.64	297										
15900	24.93	-12.96	28.10	297										
15925	24.28	-12.61	27.36	297										
15950	23.00	-12.80	26.32	299										
15975	22.14	-12.96	25.66	300										
16000	21.86	-13.06	25.46	301										
16025	21.09	-13.14	24.85	302										
16050	20.20	-12.84	23.93	302										
16075	18.91	-12.56	22.70	303										
16100	17.08	-12.86	21.38	307										
16125	15.68	-13.44	20.65	310										
16150	15.17	-13.08	20.03	311										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-22

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-04 02/10/65, 1645Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-2.87	5.37	6.09	152	1200	-6.86	3.92	7.90	120	2200	0.02	3.15	3.15	180
225	-2.94	5.27	6.04	151	1225	-6.96	3.85	7.96	119	2225	0.06	2.89	2.90	181
250	-2.78	5.47	6.14	153	1250	-7.30	3.71	8.18	117	2250	-0.21	2.73	2.74	175
275	-2.46	5.69	6.21	156	1275	-7.52	3.36	8.23	114	2275	-0.49	2.94	2.98	170
300	-2.50	6.42	6.89	159	1300	-7.60	3.09	8.20	112	2300	-0.59	3.06	3.12	169
325	-2.72	7.08	7.59	159	1325	-7.44	3.32	8.15	114	2325	-0.43	2.99	3.02	172
350	-2.98	7.33	7.91	158	1350	-7.02	3.77	7.97	118	2350	-0.22	3.02	3.02	176
375	-3.25	7.70	8.36	157	1375	-6.45	3.70	7.44	120	2375	-0.25	3.00	3.01	175
400	-3.54	7.83	8.59	155	1400	-5.80	3.11	6.58	118	2400	-0.32	2.86	2.88	173
425	-3.68	7.89	8.71	155	1425	-5.21	2.78	5.91	118	2425	-0.42	2.60	2.64	171
450	-3.72	8.03	8.85	155	1450	-4.52	3.05	5.45	124	2450	-0.32	2.28	2.30	172
475	-3.78	8.13	8.97	155	1475	-3.67	3.68	5.20	135	2475	-0.02	2.02	2.02	179
500	-3.81	8.24	9.08	155	1500	-2.96	4.23	5.16	145	2500	0.19	1.66	1.67	186
525	-3.84	8.21	9.07	155	1525	-2.46	4.40	5.04	151	2525	0.37	1.30	1.35	196
550	-3.87	8.13	9.00	154	1550	-2.09	4.17	4.67	153	2550	0.42	1.25	1.32	198
575	-3.88	8.19	9.06	154	1575	-1.76	3.84	4.22	155	2575	0.27	1.65	1.67	189
600	-3.99	8.11	9.04	154	1600	-1.68	3.37	3.76	153	2600	0.13	2.11	2.12	183
625	-4.17	7.99	9.01	152	1625	-1.69	2.86	3.32	149	2625	0.26	2.67	2.68	185
650	-4.29	7.87	8.97	151	1650	-1.64	2.60	3.07	148	2650	0.62	3.25	3.31	191
675	-4.32	7.83	8.94	151	1675	-1.71	2.61	3.12	147	2675	1.02	3.39	3.54	197
700	-4.54	7.82	9.04	150	1700	-1.73	2.78	3.27	148	2700	1.37	3.39	3.65	202
725	-4.84	7.64	9.04	147	1725	-1.60	2.95	3.36	151	2725	1.65	3.30	3.69	206
750	-5.05	7.44	9.00	146	1750	-1.33	3.07	3.34	156	2750	1.92	3.20	3.73	211
775	-5.18	7.27	8.93	144	1775	-0.97	3.18	3.32	163	2775	2.07	3.19	3.80	213
800	-5.27	7.05	8.80	143	1800	-0.72	3.28	3.36	167	2800	2.16	3.53	4.14	211
825	-5.55	6.81	8.78	141	1825	-0.63	3.31	3.37	169	2825	2.23	4.01	4.59	209
850	-5.92	6.58	8.85	138	1850	-0.66	3.32	3.39	169	2850	2.16	4.46	4.95	206
875	-6.06	6.33	8.77	136	1875	-0.54	3.43	3.47	171	2875	2.05	4.82	5.24	203
900	-6.00	6.08	8.54	135	1900	-0.28	3.63	3.64	175	2900	2.04	4.96	5.37	202
925	-5.89	5.62	8.14	133	1925	-0.11	3.70	3.70	178	2925	2.17	5.23	5.67	202
950	-5.86	5.09	7.76	131	1950	-0.01	3.65	3.65	180	2950	2.42	5.63	6.12	203
975	-5.86	4.78	7.56	129	1975	0.21	3.59	3.60	183	2975	2.65	5.89	6.45	204
1000	-5.94	4.61	7.52	128	2000	0.38	3.47	3.49	186	3000	2.87	6.13	6.76	205
1025	-6.05	4.60	7.60	127	2025	0.37	3.31	3.33	186	3025	2.67	6.36	6.90	203
1050	-6.07	4.63	7.63	127	2050	0.15	3.16	3.16	183	3050	2.09	6.81	7.12	197
1075	-6.26	4.43	7.67	125	2075	-0.08	3.24	3.24	178	3075	1.42	7.32	7.46	191
1100	-6.33	4.29	7.65	124	2100	-0.39	3.43	3.46	173	3100	1.45	7.50	7.63	191
1125	-6.41	4.19	7.66	123	2125	-0.54	3.54	3.58	171	3125	1.97	7.00	7.27	196
1150	-6.59	4.10	7.76	122	2150	-0.36	3.57	3.59	174	3150	2.49	6.10	6.59	202
1175	-6.77	4.05	7.89	121	2175	-0.13	3.37	3.38	178	3175	3.11	5.53	6.34	209

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-04 02/10/65, 1645Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	3.75	5.00	6.25	217	4200	3.18	5.29	6.18	211	5200	3.61	0.15	3.61	267
3225	4.20	4.84	6.41	221	4225	3.00	5.29	6.08	209	5225	3.46	-0.07	3.46	271
3250	4.44	4.98	6.67	222	4250	2.89	5.40	6.12	208	5250	3.36	0.02	3.36	269
3275	4.52	5.15	6.85	221	4275	2.83	5.50	6.19	207	5275	3.38	0.26	3.39	265
3300	4.40	5.32	6.91	219	4300	2.61	5.50	6.08	205	5300	3.65	0.50	3.69	262
3325	4.31	5.42	6.93	218	4325	2.40	5.49	5.99	203	5325	4.14	0.50	4.17	263
3350	4.41	5.37	6.95	219	4350	2.23	5.58	6.01	202	5350	4.47	0.31	4.48	266
3375	4.59	5.19	6.93	221	4375	2.02	5.64	5.99	199	5375	4.73	0.23	4.73	267
3400	4.68	5.18	6.98	222	4400	1.72	5.54	5.80	197	5400	5.03	0.01	5.03	270
3425	4.61	5.12	6.89	222	4425	1.49	5.46	5.66	195	5425	5.30	0.12	5.30	268
3450	4.52	5.05	6.78	222	4450	1.36	5.32	5.49	194	5450	5.37	0.56	5.40	264
3475	4.48	5.09	6.78	221	4475	1.16	5.09	5.22	193	5475	5.24	0.83	5.30	261
3500	4.53	5.07	6.80	222	4500	1.13	4.93	5.06	193	5500	5.23	1.08	5.34	258
3525	4.61	5.02	6.81	222	4525	1.21	4.76	4.91	194	5525	5.24	1.28	5.39	256
3550	4.62	4.99	6.80	223	4550	1.13	4.67	4.80	193	5550	5.17	1.39	5.36	255
3575	4.60	4.90	6.72	223	4575	1.02	4.61	4.72	192	5575	5.16	1.54	5.38	253
3600	4.51	4.97	6.71	222	4600	0.98	4.67	4.77	192	5600	5.36	1.60	5.59	253
3625	4.40	5.03	6.69	221	4625	1.06	4.74	4.86	192	5625	5.61	1.41	5.78	256
3650	4.44	4.92	6.63	222	4650	1.10	4.61	4.74	193	5650	5.94	1.09	6.04	259
3675	4.50	4.87	6.63	223	4675	0.99	4.51	4.62	192	5675	6.27	0.97	6.35	261
3700	4.47	4.97	6.69	222	4700	1.01	4.49	4.60	192	5700	6.51	1.02	6.59	261
3725	4.38	5.11	6.74	220	4725	1.13	4.33	4.48	194	5725	6.54	1.15	6.64	260
3750	4.15	5.24	6.68	218	4750	1.31	4.16	4.36	197	5750	6.57	1.33	6.71	258
3775	4.02	5.37	6.70	217	4775	1.44	4.08	4.33	199	5775	6.62	1.39	6.76	258
3800	4.00	5.43	6.75	216	4800	1.64	4.08	4.40	202	5800	6.60	1.42	6.75	258
3825	3.84	5.54	6.74	215	4825	2.01	3.98	4.46	207	5825	6.54	1.41	6.69	258
3850	3.68	5.57	6.68	213	4850	2.28	3.70	4.34	211	5850	6.48	1.44	6.64	257
3875	3.62	5.60	6.66	213	4875	2.47	3.38	4.19	216	5875	6.62	1.56	6.80	257
3900	3.59	5.61	6.66	212	4900	2.68	3.02	4.03	221	5900	6.90	1.93	7.16	254
3925	3.44	5.61	6.58	211	4925	2.82	2.67	3.88	226	5925	6.99	2.35	7.38	251
3950	3.24	5.55	6.43	210	4950	2.98	2.18	3.69	234	5950	6.95	2.58	7.41	249
3975	3.12	5.49	6.32	209	4975	3.10	1.47	3.43	244	5975	6.88	2.94	7.48	247
4000	2.97	5.60	6.34	208	5000	3.22	1.05	3.39	252	6000	6.91	3.21	7.62	245
4025	2.61	5.85	6.41	204	5025	3.33	1.01	3.48	253	6025	7.03	3.30	7.77	245
4050	2.46	5.89	6.38	203	5050	3.27	0.90	3.40	254	6050	7.21	3.33	7.94	245
4075	2.69	5.74	6.34	205	5075	3.15	0.71	3.23	257	6075	7.42	3.35	8.15	246
4100	2.95	5.58	6.31	208	5100	3.11	0.68	3.18	258	6100	7.59	3.52	8.37	245
4125	3.03	5.36	6.16	209	5125	3.18	0.70	3.26	257	6125	7.62	3.67	8.46	244
4150	3.06	5.34	6.16	210	5150	3.28	0.67	3.35	258	6150	7.71	3.74	8.57	244
4175	3.16	5.36	6.22	210	5175	3.47	0.49	3.51	262	6175	7.87	3.50	8.62	246

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-22 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-04 02/10/65, 1645Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	7.96	2.92	8.48	250	7200	7.26	1.89	7.51	255	8200	6.95	3.70	7.87	242
6225	7.82	2.68	8.26	251	7225	6.98	2.11	7.30	253	8225	6.81	3.62	7.71	242
6250	7.69	2.90	8.22	249	7250	6.69	2.34	7.09	251	8250	6.76	3.45	7.59	243
6275	7.60	3.15	8.23	247	7275	6.39	2.42	6.84	249	8275	7.00	3.47	7.81	243
6300	7.37	3.24	8.05	246	7300	6.24	2.42	6.69	249	8300	7.45	3.66	8.30	244
6325	7.17	3.40	7.94	244	7325	6.07	2.55	6.59	247	8325	8.00	3.93	8.91	244
6350	7.03	3.52	7.87	243	7350	6.15	2.82	6.76	245	8350	8.39	4.09	9.34	244
6375	6.90	3.68	7.82	242	7375	6.42	2.85	7.02	246	8375	8.71	4.17	9.66	244
6400	6.74	3.93	7.80	240	7400	6.48	2.72	7.03	247	8400	9.00	4.22	9.94	245
6425	6.61	3.85	7.65	240	7425	6.64	2.67	7.16	248	8425	9.26	4.26	10.19	245
6450	6.48	3.47	7.35	242	7450	6.92	2.51	7.36	250	8450	9.50	4.26	10.41	246
6475	6.38	3.05	7.07	244	7475	7.05	2.39	7.44	251	8475	9.71	4.24	10.59	246
6500	6.17	2.76	6.76	246	7500	7.20	2.58	7.64	250	8500	9.94	4.09	10.75	247
6525	5.76	2.53	6.29	246	7525	7.16	2.73	7.67	249	8525	10.21	4.18	11.03	248
6550	5.43	2.43	5.95	246	7550	7.17	2.86	7.72	248	8550	10.50	4.51	11.43	247
6575	5.47	2.36	5.95	246	7575	7.33	2.93	7.90	248	8575	10.71	4.77	11.73	246
6600	5.74	2.11	6.12	250	7600	7.44	2.80	7.95	249	8600	10.99	5.10	12.11	245
6625	6.09	1.99	6.40	252	7625	7.53	2.76	8.02	250	8625	11.18	5.28	12.36	245
6650	6.34	1.94	6.64	253	7650	7.59	2.85	8.11	249	8650	11.32	5.42	12.55	244
6675	6.42	1.83	6.67	254	7675	7.57	2.78	8.06	250	8675	11.39	5.57	12.67	244
6700	6.39	1.72	6.62	255	7700	7.38	2.79	7.89	249	8700	11.47	5.62	12.78	244
6725	6.34	1.66	6.56	255	7725	7.12	3.03	7.73	247	8725	11.45	5.52	12.71	244
6750	6.29	1.59	6.49	256	7750	6.87	3.26	7.61	244	8750	11.37	5.45	12.61	244
6775	6.27	1.62	6.48	255	7775	6.69	3.47	7.53	242	8775	11.33	5.41	12.55	244
6800	6.21	1.72	6.44	254	7800	6.62	3.70	7.59	241	8800	11.35	5.34	12.55	245
6825	6.18	1.72	6.41	254	7825	6.61	3.80	7.62	240	8825	11.42	5.26	12.57	245
6850	6.31	1.57	6.50	256	7850	6.72	3.90	7.77	240	8850	11.41	5.15	12.52	246
6875	6.47	1.35	6.61	258	7875	7.04	4.05	8.12	240	8875	11.55	5.18	12.65	246
6900	6.88	1.16	6.98	260	7900	7.27	4.12	8.36	240	8900	11.71	5.15	12.79	246
6925	7.30	1.03	7.38	262	7925	7.27	4.20	8.40	240	8925	11.77	5.06	12.81	247
6950	7.38	1.12	7.46	261	7950	7.21	4.28	8.39	239	8950	11.82	4.90	12.79	247
6975	7.27	1.19	7.37	261	7975	7.20	4.21	8.34	240	8975	11.82	4.67	12.71	248
7000	7.22	1.05	7.30	262	8000	7.19	4.02	8.24	241	9000	12.01	4.64	12.87	249
7025	7.22	0.88	7.28	263	8025	7.27	3.86	8.23	242	9025	12.22	4.60	13.05	249
7050	7.12	1.07	7.20	261	8050	7.41	3.81	8.33	243	9050	12.23	4.53	13.05	250
7075	6.96	1.53	7.13	257	8075	7.31	3.81	8.24	242	9075	12.32	4.58	13.14	249
7100	6.91	1.81	7.15	255	8100	7.18	3.69	8.08	243	9100	12.35	4.62	13.18	249
7125	7.19	1.90	7.44	255	8125	7.15	3.61	8.01	243	9125	12.22	4.64	13.07	249
7150	7.44	1.82	7.66	256	8150	7.11	3.65	7.99	243	9150	12.10	4.78	13.01	248
7175	7.43	1.77	7.64	256	8175	7.05	3.67	7.94	242	9175	12.04	4.88	12.99	248

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-04 02/10/65, 1645Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	12.03	4.90	12.99	248	10200	9.85	2.90	10.27	253	11200	17.31	-8.55	19.31	296
9225	12.03	5.05	13.05	247	10225	10.00	3.25	10.51	252	11225	17.68	-8.93	19.81	297
9250	12.06	5.28	13.16	246	10250	10.19	3.64	10.82	250	11250	17.89	-9.35	20.19	297
9275	11.99	5.31	13.11	246	10275	10.65	3.65	11.26	251	11275	18.46	-10.05	21.01	298
9300	11.97	5.32	13.10	246	10300	10.93	3.94	11.62	250	11300	19.10	-10.66	21.87	299
9325	11.99	5.37	13.14	246	10325	10.85	4.59	11.78	247	11325	19.48	-11.15	22.45	300
9350	11.87	5.45	13.06	245	10350	10.79	4.56	11.71	247	11350	19.77	-11.49	22.87	300
9375	11.90	5.55	13.13	245	10375	11.10	3.99	11.79	250	11375	20.34	-11.74	23.49	300
9400	11.85	5.59	13.10	245	10400	11.81	3.45	12.31	254	11400	21.69	-11.90	24.74	299
9425	11.73	5.67	13.03	244	10425	12.48	3.12	12.86	256	11425	22.63	-11.75	25.50	297
9450	11.80	5.76	13.13	244	10450	13.58	2.65	13.84	259	11450	22.87	-11.83	25.75	297
9475	11.93	5.76	13.25	244	10475	14.80	2.23	14.96	261	11475	24.11	-12.18	27.01	297
9500	12.05	5.78	13.37	244	10500	15.39	1.84	15.50	263	11500	25.27	-12.32	28.12	296
9525	12.23	5.72	13.51	245	10525	15.26	1.68	15.35	264	11525	25.79	-12.16	28.51	295
9550	12.65	5.60	13.84	246	10550	15.08	1.65	15.17	264	11550	26.53	-12.00	29.12	294
9575	13.00	5.48	14.10	247	10575	14.73	1.86	14.84	263	11575	27.46	-12.04	29.98	293
9600	13.28	5.30	14.30	248	10600	14.15	1.95	14.29	262	11600	26.01	-11.40	28.40	293
9625	13.72	5.27	14.70	249	10625	13.92	1.71	14.03	263	11625	27.72	-12.21	30.29	294
9650	14.06	5.18	14.99	250	10650	14.13	1.36	14.20	264	11650	30.60	-13.54	33.46	294
9675	14.37	4.99	15.21	251	10675	14.30	0.93	14.33	266	11675	29.36	-12.86	32.05	293
9700	14.81	4.94	15.61	251	10700	14.26	0.77	14.28	267	11700	29.68	-12.90	32.36	293
9725	15.15	4.77	15.88	252	10725	14.01	0.75	14.03	267	11725	29.97	-13.23	32.77	294
9750	15.35	4.54	16.01	253	10750	13.91	0.56	13.93	268	11750	30.18	-13.39	33.02	294
9775	15.60	4.36	16.20	254	10775	14.25	0.42	14.25	268	11775	30.05	-13.44	32.92	294
9800	15.87	4.02	16.37	256	10800	14.55	0.06	14.55	270	11800	29.92	-13.30	32.75	294
9825	16.08	3.76	16.51	257	10825	14.58	-0.39	14.59	271	11825	29.81	-13.23	32.62	294
9850	16.14	3.37	16.49	258	10850	14.78	-0.73	14.79	273	11850	29.74	-13.43	32.63	294
9875	16.09	2.89	16.35	260	10875	14.89	-1.19	14.94	274	11875	29.83	-13.51	32.74	294
9900	15.93	2.53	16.13	261	10900	14.80	-1.90	14.92	277	11900	29.95	-13.50	32.85	294
9925	15.29	2.21	15.44	262	10925	14.72	-2.28	14.89	279	11925	29.95	-13.61	32.90	294
9950	14.52	2.04	14.67	262	10950	14.72	-2.40	14.92	279	11950	30.00	-13.65	32.96	294
9975	13.94	1.99	14.08	262	10975	14.77	-2.74	15.03	280	11975	30.24	-13.63	33.17	294
10000	13.09	1.86	13.22	262	11000	14.87	-3.12	15.20	282	12000	30.34	-13.78	33.33	294
10025	12.52	1.90	12.66	261	11025	15.04	-3.45	15.43	283	12025	30.45	-13.93	33.48	294
10050	12.14	1.88	12.28	261	11050	15.09	-3.93	15.60	284	12050	30.35	-13.78	33.33	294
10075	11.52	1.84	11.67	261	11075	15.02	-4.63	15.72	287	12075	30.12	-13.68	33.08	294
10100	11.11	2.06	11.30	259	11100	15.09	-5.57	16.09	290	12100	29.87	-13.66	32.85	294
10125	10.81	2.31	11.06	258	11125	15.36	-6.17	16.55	292	12125	29.58	-13.30	32.43	294
10150	10.51	2.55	10.82	256	11150	16.02	-7.09	17.51	294	12150	29.49	-13.08	32.26	294
10175	10.01	2.81	10.40	254	11175	16.62	-7.85	18.38	295	12175	29.54	-13.10	32.31	294

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-22 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-04 02/10/65, 1645Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	29.54	-13.25	32.37	294	13200	24.47	-14.08	28.24	300	14200	23.03	-15.61	27.83	304
12225	29.47	-13.42	32.38	294	13225	24.36	-14.26	28.23	300	14225	22.88	-15.64	27.72	304
12250	29.39	-13.69	32.42	295	13250	24.20	-14.43	28.18	301	14250	22.66	-15.46	27.43	304
12275	29.28	-14.04	32.47	295	13275	24.22	-14.50	28.23	301	14275	22.26	-15.14	26.92	304
12300	29.19	-14.14	32.44	296	13300	24.27	-14.69	28.37	301	14300	21.84	-14.90	26.44	304
12325	29.19	-14.30	32.51	296	13325	24.09	-14.85	28.30	301	14325	21.58	-14.79	26.16	304
12350	29.07	-14.69	32.57	297	13350	24.04	-14.87	28.27	302	14350	21.39	-14.44	25.81	304
12375	28.94	-14.67	32.45	297	13375	23.95	-15.00	28.26	302	14375	20.98	-14.10	25.28	304
12400	28.82	-14.50	32.26	297	13400	24.02	-15.03	28.34	302	14400	20.36	-13.84	24.62	304
12425	28.75	-14.64	32.26	297	13425	24.31	-15.12	28.63	302	14425	20.15	-13.54	24.28	304
12450	28.84	-14.93	32.47	297	13450	24.31	-15.20	28.67	302	14450	20.08	-13.30	24.09	303
12475	28.91	-15.28	32.70	298	13475	24.32	-15.23	28.69	302	14475	19.76	-13.29	23.81	304
12500	28.91	-15.35	32.73	298	13500	24.46	-15.34	28.87	302	14500	19.51	-13.12	23.51	304
12525	28.75	-15.19	32.51	298	13525	24.68	-15.64	29.22	302	14525	19.47	-12.67	23.23	303
12550	28.66	-15.04	32.36	298	13550	24.89	-15.84	29.50	302	14550	19.14	-12.53	22.88	303
12575	28.53	-14.78	32.13	297	13575	25.04	-15.86	29.64	302	14575	19.06	-12.18	22.62	302
12600	28.48	-14.88	32.13	297	13600	25.16	-16.10	29.87	302	14600	18.88	-11.65	22.18	301
12625	28.67	-15.29	32.49	298	13625	25.34	-16.39	30.18	303	14625	18.58	-10.87	21.53	300
12650	28.63	-15.67	32.64	299	13650	25.48	-16.34	30.27	302	14650	18.52	-10.31	21.19	299
12675	28.60	-15.87	32.71	299	13675	25.73	-16.33	30.47	302	14675	18.39	-10.30	21.08	299
12700	28.68	-15.77	32.73	299	13700	26.00	-16.57	30.83	302	14700	18.47	-9.88	20.95	298
12725	28.67	-15.67	32.67	298	13725	26.00	-16.68	30.89	303	14725	18.35	-9.22	20.53	297
12750	28.67	-15.57	32.62	298	13750	25.98	-16.69	30.88	303	14750	18.37	-9.10	20.50	296
12775	28.61	-15.50	32.54	298	13775	25.97	-16.70	30.87	303	14775	18.44	-8.90	20.47	296
12800	28.54	-15.55	32.51	298	13800	25.78	-16.80	30.77	303	14800	18.21	-8.45	20.07	295
12825	28.49	-15.43	32.40	298	13825	25.61	-16.62	30.53	303	14825	17.79	-8.00	19.51	294
12850	28.44	-15.40	32.34	298	13850	25.48	-16.42	30.31	303	14850	17.93	-7.74	19.53	293
12875	28.16	-15.42	32.10	299	13875	25.33	-16.48	30.22	303	14875	18.21	-7.25	19.60	292
12900	27.85	-15.18	31.72	298	13900	25.13	-16.43	30.03	303	14900	17.95	-6.55	19.11	290
12925	27.41	-14.74	31.12	298	13925	25.11	-16.37	29.97	303	14925	18.02	-6.13	19.03	289
12950	26.87	-14.49	30.53	298	13950	25.10	-16.42	29.99	303	14950	18.26	-5.75	19.15	287
12975	26.43	-14.26	30.03	298	13975	24.84	-16.42	29.77	303	14975	18.02	-5.07	18.71	286
13000	26.25	-14.33	29.90	298	14000	24.73	-16.32	29.63	303	15000	17.95	-4.10	18.42	283
13025	25.81	-14.40	29.56	299	14025	24.59	-16.55	29.64	304	15025	18.12	-3.32	18.42	280
13050	25.39	-14.27	29.13	299	14050	24.04	-16.52	29.17	304	15050	18.34	-2.76	18.55	278
13075	25.36	-14.31	29.12	299	14075	23.69	-16.20	28.70	304	15075	18.79	-2.24	18.92	277
13100	25.17	-14.52	29.06	300	14100	23.54	-16.12	28.53	304	15100	19.03	-2.06	19.14	276
13125	24.82	-14.44	28.71	300	14125	23.59	-16.05	28.53	304	15125	19.18	-1.96	19.28	276
13150	24.49	-14.01	28.21	300	14150	23.40	-15.78	28.22	304	15150	19.68	-2.27	19.81	276
13175	24.40	-13.97	28.11	300	14175	23.09	-15.55	27.84	304	15175	20.12	-2.56	20.29	277

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-04 02/10/65, 1645Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	20.63	-2.58	20.79	277	16200	18.04	-13.04	22.26	306					
15225	21.02	-2.45	21.17	276	16225	18.20	-13.03	22.39	305					
15250	21.45	-2.91	21.65	278	16250	17.97	-13.13	22.26	306					
15275	21.83	-3.01	22.04	278	16275	18.01	-13.39	22.44	306					
15300	21.92	-2.68	22.09	277	16300	17.83	-13.92	22.62	308					
15325	22.04	-2.61	22.20	277	16325	17.54	-14.26	22.61	309					
15350	22.86	-2.89	23.05	277	16350	17.41	-14.01	22.34	309					
15375	23.70	-3.39	23.94	278	16375	17.08	-13.90	22.03	309					
15400	24.32	-3.62	24.58	278	16400	16.57	-14.49	22.02	311					
15425	24.98	-3.91	25.29	279	16425	16.45	-15.11	22.34	312					
15450	25.37	-3.96	25.68	279	16450	16.23	-15.32	22.32	313					
15475	25.81	-4.44	26.19	280	16475	15.94	-15.21	22.03	313					
15500	26.34	-4.76	26.76	280	16500	15.88	-15.47	22.17	314					
15525	26.56	-5.05	27.03	281	16525	15.88	-16.03	22.56	315					
15550	26.81	-5.61	27.38	282	16550	15.55	-16.08	22.37	316					
15575	27.11	-5.70	27.70	282	16575	15.34	-15.87	22.07	316					
15600	27.41	-5.36	27.93	281	16600	14.59	-15.73	21.45	317					
15625	27.47	-5.91	28.10	282	16625	13.94	-15.79	21.06	318					
15650	27.56	-7.19	28.49	284	16650	13.55	-15.54	20.61	319					
15675	27.61	-7.56	28.63	285	16675	13.21	-15.36	20.26	319					
15700	27.37	-8.30	28.60	287	16700	12.79	-15.12	19.80	320					
15725	27.28	-9.28	28.81	289										
15750	27.61	-9.96	29.35	290										
15775	27.73	-10.40	29.61	290										
15800	27.47	-10.80	29.52	291										
15825	27.54	-11.34	29.78	292										
15850	28.24	-12.14	30.74	293										
15875	28.98	-13.04	31.78	294										
15900	28.35	-13.44	31.38	295										
15925	27.15	-13.42	30.29	296										
15950	26.26	-13.35	29.46	297										
15975	25.50	-13.53	28.87	298										
16000	24.97	-13.20	28.24	298										
16025	24.08	-12.84	27.29	298										
16050	22.97	-13.00	26.39	299										
16075	21.81	-13.15	25.47	301										
16100	20.59	-13.05	24.38	302										
16125	19.65	-12.75	23.42	303										
16150	18.43	-12.55	22.30	304										
16175	17.90	-12.82	22.02	305										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-23

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-05 02/10/65, 1802Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	-3.31	5.58	6.49	149	1225	-5.66	4.60	7.30	129	2225	-0.52	2.49	2.55	168
250	-3.92	5.68	6.90	145	1250	-5.78	4.48	7.32	128	2250	-0.25	2.66	2.67	174
275	-4.10	6.05	7.31	146	1275	-5.97	4.53	7.50	127	2275	0.30	2.54	2.56	186
300	-4.20	6.50	7.73	147	1300	-6.20	4.74	7.80	127	2300	0.63	2.35	2.43	195
325	-4.39	6.92	8.20	147	1325	-6.36	4.67	7.89	126	2325	0.49	2.39	2.44	191
350	-4.32	7.25	8.43	149	1350	-6.40	4.65	7.91	126	2350	0.23	2.39	2.40	185
375	-4.43	7.34	8.57	149	1375	-6.22	4.54	7.70	126	2375	0.10	2.53	2.53	182
400	-4.54	7.44	8.72	148	1400	-6.03	4.41	7.47	126	2400	0.01	2.66	2.66	180
425	-4.63	7.54	8.84	148	1425	-5.33	4.62	7.05	131	2425	-0.04	2.54	2.54	179
450	-4.78	7.50	8.89	147	1450	-3.90	4.71	6.11	140	2450	-0.10	2.15	2.15	177
475	-4.75	7.54	8.91	148	1475	-2.86	4.51	5.34	147	2475	-0.02	1.85	1.85	179
500	-4.80	7.61	9.00	148	1500	-2.16	4.31	4.82	153	2500	0.14	1.64	1.64	185
525	-5.00	7.67	9.15	147	1525	-1.40	4.20	4.43	161	2525	0.00	1.47	1.47	180
550	-5.02	7.68	9.18	147	1550	-0.72	4.02	4.08	170	2550	-0.05	1.47	1.47	178
575	-5.08	7.75	9.27	147	1575	-0.26	3.58	3.59	176	2575	-0.09	1.69	1.69	177
600	-5.27	7.80	9.41	146	1600	-0.34	3.30	3.31	174	2600	-0.21	1.99	2.00	174
625	-5.18	7.76	9.33	146	1625	-0.65	3.19	3.26	168	2625	-0.08	2.39	2.39	178
650	-4.94	7.70	9.15	147	1650	-0.70	3.29	3.37	168	2650	0.61	2.68	2.74	193
675	-5.08	7.63	9.17	146	1675	-0.42	3.39	3.42	173	2675	1.47	2.81	3.17	207
700	-5.15	7.58	9.17	146	1700	-0.22	3.34	3.35	176	2700	1.94	2.63	3.27	216
725	-5.19	7.40	9.04	145	1725	0.03	3.36	3.36	180	2725	2.09	2.43	3.20	220
750	-5.19	7.16	8.85	144	1750	0.23	3.37	3.38	184	2750	2.26	2.53	3.39	222
775	-5.05	6.90	8.55	144	1775	0.19	3.31	3.32	183	2775	2.63	2.59	3.69	225
800	-5.28	6.57	8.43	141	1800	0.12	3.09	3.09	182	2800	2.88	2.65	3.91	227
825	-5.48	6.29	8.34	139	1825	0.15	2.97	2.98	183	2825	3.11	2.98	4.31	226
850	-5.51	6.04	8.18	137	1850	0.27	2.95	2.96	185	2850	3.22	3.30	4.61	224
875	-5.45	6.01	8.11	138	1875	0.36	2.94	2.96	187	2875	3.28	3.61	4.88	222
900	-5.39	6.13	8.16	138	1900	0.38	2.84	2.87	188	2900	3.41	4.09	5.32	220
925	-5.37	6.15	8.17	139	1925	0.49	2.60	2.65	191	2925	3.38	4.31	5.48	218
950	-5.37	6.14	8.16	139	1950	0.48	2.29	2.34	192	2950	3.26	4.58	5.62	215
975	-5.72	6.02	8.30	136	1975	0.11	2.22	2.23	183	2975	3.31	4.86	5.88	214
1000	-6.09	5.82	8.43	134	2000	-0.19	2.56	2.56	176	3000	3.36	5.31	6.28	212
1025	-6.05	5.64	8.27	133	2025	-0.12	2.91	2.91	178	3025	2.93	6.05	6.73	206
1050	-6.04	5.43	8.12	132	2050	0.07	3.10	3.10	181	3050	2.26	6.81	7.17	198
1075	-6.28	5.25	8.18	130	2075	0.27	3.23	3.24	185	3075	2.07	7.05	7.35	196
1100	-6.27	4.92	7.97	128	2100	0.38	3.12	3.14	187	3100	2.41	6.60	7.02	200
1125	-6.23	4.62	7.75	126	2125	0.24	2.97	2.98	184	3125	2.85	5.92	6.57	206
1150	-6.05	4.66	7.64	127	2150	0.05	2.73	2.73	181	3150	3.50	5.22	6.28	214
1175	-5.80	4.61	7.41	128	2175	-0.21	2.43	2.44	175	3175	3.94	4.83	6.23	219
1200	-5.71	4.53	7.29	128	2200	-0.55	2.39	2.45	167	3200	4.11	4.84	6.35	220

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-05 02/10/65, 1802Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	4.23	5.02	6.57	220	4225	1.90	5.95	6.25	198	5225	3.41	0.45	3.44	262
3250	4.10	5.14	6.57	218	4250	1.54	5.95	6.15	194	5250	3.80	0.27	3.81	266
3275	4.00	5.24	6.59	217	4275	1.25	5.91	6.04	192	5275	4.07	0.13	4.08	268
3300	3.92	5.30	6.59	216	4300	0.98	6.10	6.18	189	5300	4.13	-0.04	4.13	270
3325	3.74	5.26	6.46	215	4325	0.99	6.09	6.17	189	5325	4.18	-0.24	4.19	273
3350	3.59	5.09	6.23	215	4350	1.08	5.87	5.97	190	5350	4.32	-0.45	4.34	276
3375	3.55	4.99	6.12	215	4375	1.03	5.53	5.63	190	5375	4.50	-0.41	4.51	275
3400	3.61	4.88	6.07	216	4400	0.95	5.21	5.29	190	5400	4.78	-0.18	4.79	272
3425	3.59	4.90	6.08	216	4425	0.88	4.89	4.97	190	5425	4.95	0.10	4.95	269
3450	3.58	5.00	6.15	215	4450	0.90	4.79	4.88	190	5450	4.91	0.30	4.92	266
3475	3.53	5.09	6.19	215	4475	0.91	4.82	4.90	190	5475	4.88	0.52	4.91	264
3500	3.53	5.22	6.30	214	4500	0.84	4.85	4.92	190	5500	4.93	0.74	4.98	261
3525	3.58	5.30	6.40	214	4525	0.79	4.87	4.93	189	5525	4.89	0.77	4.95	261
3550	3.66	5.40	6.53	214	4550	0.94	4.75	4.84	191	5550	5.10	0.85	5.17	260
3575	3.64	5.49	6.59	213	4575	1.11	4.64	4.77	193	5575	5.25	0.86	5.32	260
3600	3.54	5.42	6.47	213	4600	1.16	4.57	4.72	194	5600	5.34	0.81	5.40	261
3625	3.31	5.37	6.31	211	4625	1.08	4.56	4.69	193	5625	5.63	0.67	5.67	263
3650	3.10	5.42	6.25	210	4650	0.89	4.87	4.95	190	5650	5.91	0.68	5.95	263
3675	3.12	5.43	6.27	210	4675	0.80	5.08	5.15	189	5675	6.19	0.64	6.22	264
3700	3.16	5.56	6.40	209	4700	1.09	4.91	5.03	192	5700	6.49	0.52	6.51	265
3725	3.11	5.65	6.45	209	4725	1.61	4.53	4.81	199	5725	6.71	0.72	6.75	264
3750	3.15	5.70	6.51	209	4750	2.04	4.10	4.58	206	5750	6.67	0.82	6.72	263
3775	3.24	5.85	6.69	209	4775	2.38	3.57	4.29	213	5775	6.62	0.78	6.67	263
3800	3.04	5.92	6.65	207	4800	2.43	3.09	3.93	218	5800	6.67	0.82	6.72	263
3825	2.74	5.95	6.55	205	4825	2.47	2.74	3.69	222	5825	6.60	1.00	6.68	261
3850	2.52	6.13	6.62	202	4850	2.60	2.23	3.43	229	5850	6.58	1.21	6.70	259
3875	2.48	6.27	6.75	201	4875	2.71	1.58	3.14	240	5875	6.60	1.50	6.77	257
3900	2.44	6.12	6.59	202	4900	2.80	1.27	3.08	245	5900	6.67	1.56	6.85	257
3925	2.55	5.86	6.39	203	4925	2.75	1.17	2.99	247	5925	6.86	1.46	7.01	258
3950	2.77	5.63	6.28	206	4950	2.70	1.11	2.91	247	5950	7.20	1.68	7.39	257
3975	3.04	5.41	6.21	209	4975	2.75	0.92	2.90	251	5975	7.40	2.00	7.67	255
4000	3.35	5.19	6.18	213	5000	2.81	0.70	2.90	256	6000	7.47	2.29	7.81	253
4025	3.54	5.16	6.26	214	5025	2.86	0.57	2.92	259	6025	7.56	2.35	7.92	253
4050	3.76	5.28	6.48	215	5050	3.18	0.29	3.20	265	6050	7.77	2.33	8.12	253
4075	3.61	5.30	6.41	214	5075	3.46	0.14	3.46	268	6075	8.07	2.28	8.39	254
4100	3.23	5.34	6.24	211	5100	3.52	0.09	3.52	268	6100	8.09	2.31	8.42	254
4125	2.93	5.38	6.13	208	5125	3.40	0.05	3.40	269	6125	7.95	2.62	8.37	252
4150	2.59	5.48	6.06	205	5150	3.17	0.14	3.18	267	6150	7.86	2.62	8.28	251
4175	2.30	5.63	6.08	202	5175	3.03	0.29	3.04	264	6175	7.68	2.53	8.08	252
4200	2.09	5.80	6.16	200	5200	3.08	0.48	3.12	261	6200	7.51	2.66	7.96	250

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-23 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-05 02/10/65, 1802Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	7.48	2.67	7.94	250	7225	8.33	2.22	8.62	255	8225	8.54	5.08	9.94	239
6250	7.69	2.91	8.22	249	7250	8.28	1.89	8.49	257	8250	8.62	5.08	10.01	239
6275	7.83	3.13	8.43	248	7275	8.25	1.69	8.42	258	8275	8.73	5.01	10.07	240
6300	7.75	3.25	8.41	247	7300	8.44	1.53	8.58	260	8300	9.09	5.03	10.39	241
6325	7.81	3.33	8.49	247	7325	8.57	1.61	8.72	259	8325	9.53	5.11	10.82	242
6350	7.77	3.14	8.38	248	7350	8.74	1.72	8.91	259	8350	9.84	5.27	11.16	242
6375	7.64	2.91	8.17	249	7375	8.80	1.59	8.94	260	8375	10.08	5.29	11.39	242
6400	7.53	2.75	8.01	250	7400	8.81	1.77	8.99	258	8400	10.40	5.35	11.70	243
6425	7.37	2.66	7.84	250	7425	8.81	1.83	9.00	258	8425	10.52	5.29	11.78	243
6450	7.24	2.54	7.67	251	7450	8.69	1.72	8.86	259	8450	10.53	5.24	11.76	243
6475	7.08	2.56	7.52	250	7475	8.78	1.72	8.94	259	8475	10.76	5.39	12.04	243
6500	6.84	2.57	7.31	249	7500	8.83	1.65	8.98	259	8500	10.86	5.42	12.14	243
6525	6.65	2.47	7.09	249	7525	8.74	1.77	8.92	258	8525	11.07	5.46	12.34	244
6550	6.69	2.33	7.08	251	7550	8.68	1.81	8.86	258	8550	11.28	5.48	12.54	244
6575	6.70	2.26	7.07	251	7575	8.49	1.90	8.70	257	8575	11.34	5.53	12.62	244
6600	6.65	2.27	7.03	251	7600	8.46	2.23	8.75	255	8600	11.48	5.78	12.86	243
6625	6.66	2.17	7.00	252	7625	8.30	2.37	8.63	254	8625	11.45	5.95	12.91	242
6650	6.73	2.18	7.08	252	7650	8.00	2.50	8.38	253	8650	11.38	6.04	12.88	242
6675	6.89	2.16	7.22	252	7675	8.12	2.71	8.56	251	8675	11.41	6.08	12.93	242
6700	6.96	1.97	7.24	254	7700	8.42	2.96	8.92	250	8700	11.46	6.06	12.96	242
6725	7.02	2.00	7.30	254	7725	8.64	3.02	9.15	251	8725	11.62	6.03	13.09	242
6750	7.12	1.95	7.39	255	7750	8.76	3.02	9.26	251	8750	11.88	5.99	13.31	243
6775	7.32	1.76	7.53	256	7775	8.82	3.04	9.33	251	8775	12.11	6.15	13.58	243
6800	7.62	1.59	7.78	258	7800	8.83	3.06	9.35	251	8800	12.11	6.28	13.64	242
6825	7.85	1.32	7.97	260	7825	8.73	3.44	9.39	248	8825	12.08	6.37	13.66	242
6850	8.13	0.92	8.19	263	7850	8.57	3.65	9.32	247	8850	12.21	6.43	13.79	242
6875	8.32	0.75	8.36	265	7875	8.50	3.70	9.27	246	8875	12.15	6.22	13.65	243
6900	8.45	0.81	8.49	264	7900	8.47	3.99	9.37	245	8900	12.04	5.99	13.45	243
6925	8.53	0.80	8.56	264	7925	8.45	4.16	9.42	244	8925	12.15	5.99	13.54	244
6950	8.38	0.86	8.42	264	7950	8.40	4.28	9.43	243	8950	12.32	6.12	13.76	243
6975	8.23	1.12	8.31	262	7975	8.40	4.34	9.46	242	8975	12.38	6.05	13.78	244
7000	8.32	1.14	8.40	262	8000	8.38	4.34	9.44	242	9000	12.32	5.82	13.62	245
7025	8.54	1.10	8.61	263	8025	8.32	4.43	9.43	242	9025	12.52	5.76	13.78	245
7050	8.71	1.21	8.79	262	8050	8.49	4.47	9.60	242	9050	12.67	5.80	13.93	245
7075	8.72	1.34	8.82	261	8075	8.73	4.43	9.79	243	9075	12.51	5.91	13.84	245
7100	8.71	1.55	8.84	260	8100	8.81	4.39	9.84	243	9100	12.41	6.03	13.80	244
7125	8.67	1.79	8.85	258	8125	8.55	4.46	9.64	242	9125	12.41	6.00	13.79	244
7150	8.48	2.05	8.73	256	8150	8.27	4.74	9.53	240	9150	12.54	5.91	13.86	245
7175	8.27	2.25	8.57	255	8175	8.64	5.15	10.05	239	9175	12.78	5.83	14.05	245
7200	8.21	2.32	8.53	254	8200	8.79	5.16	10.19	239	9200	12.93	5.79	14.17	246

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-05 02/10/65, 1802Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	13.07	5.65	14.24	246	10225	9.46	4.96	10.68	242	11225	18.82	-9.67	21.16	297
9250	13.26	5.62	14.40	247	10250	9.55	5.05	10.80	242	11250	19.10	-10.25	21.68	298
9275	13.43	5.71	14.59	247	10275	9.95	5.05	11.16	243	11275	18.78	-10.90	21.72	300
9300	13.43	5.68	14.58	247	10300	10.70	4.81	11.73	246	11300	18.80	-11.45	22.02	301
9325	13.46	5.67	14.60	247	10325	11.79	4.56	12.64	249	11325	19.59	-11.77	22.85	301
9350	13.65	5.59	14.75	248	10350	13.07	4.21	13.73	252	11350	20.05	-12.17	23.45	301
9375	13.73	5.46	14.77	248	10375	13.91	3.76	14.41	255	11375	20.45	-12.53	23.98	301
9400	13.82	5.55	14.89	248	10400	14.87	3.23	15.22	258	11400	20.97	-12.57	24.45	301
9425	13.88	5.58	14.96	248	10425	15.65	2.64	15.87	260	11425	21.61	-12.67	25.05	300
9450	14.04	5.54	15.09	248	10450	15.80	1.86	15.91	263	11450	22.48	-12.98	25.96	300
9475	14.24	5.50	15.26	249	10475	15.64	1.11	15.68	266	11475	23.41	-13.13	26.84	299
9500	14.33	5.42	15.32	249	10500	15.41	0.66	15.42	267	11500	24.40	-13.05	27.67	298
9525	14.37	5.48	15.37	249	10525	14.96	0.39	14.96	268	11525	25.66	-12.92	28.73	297
9550	14.40	5.50	15.41	249	10550	14.35	0.35	14.36	268	11550	26.44	-12.79	29.37	296
9575	14.56	5.45	15.55	249	10575	13.86	0.15	13.86	269	11575	26.82	-12.75	29.69	295
9600	14.76	5.44	15.73	250	10600	13.56	-0.27	13.56	271	11600	27.33	-12.73	30.15	295
9625	14.86	5.49	15.84	250	10625	13.25	-0.57	13.27	272	11625	27.67	-12.80	30.49	295
9650	14.87	5.30	15.79	250	10650	13.22	-0.89	13.25	274	11650	28.07	-12.99	30.93	295
9675	14.91	5.08	15.75	251	10675	13.20	-1.23	13.26	275	11675	28.54	-12.93	31.33	294
9700	15.01	4.88	15.79	252	10700	13.35	-1.47	13.43	276	11700	28.86	-12.82	31.57	294
9725	14.82	4.48	15.49	253	10725	13.66	-1.67	13.76	277	11725	29.36	-12.80	32.03	293
9750	14.50	4.15	15.08	254	10750	13.99	-1.80	14.11	277	11750	29.73	-13.07	32.47	294
9775	14.28	3.87	14.80	255	10775	14.37	-2.11	14.53	278	11775	29.86	-13.47	32.76	294
9800	13.93	3.69	14.41	255	10800	14.78	-2.87	15.06	281	11800	30.25	-13.67	33.19	294
9825	13.72	3.47	14.15	256	10825	15.18	-3.62	15.60	283	11825	30.55	-13.62	33.45	294
9850	13.57	3.31	13.97	256	10850	15.27	-4.05	15.80	285	11850	30.55	-13.69	33.48	294
9875	13.26	3.37	13.68	256	10875	15.32	-4.27	15.90	285	11875	30.55	-13.81	33.52	294
9900	12.89	3.37	13.32	255	10900	15.59	-4.51	16.23	286	11900	30.30	-13.94	33.35	295
9925	12.48	3.43	12.94	254	10925	15.80	-4.70	16.49	286	11925	30.13	-14.27	33.34	295
9950	12.03	3.47	12.52	254	10950	15.81	-5.15	16.62	288	11950	30.29	-14.32	33.51	295
9975	11.62	3.46	12.12	253	10975	15.86	-5.60	16.82	289	11975	30.29	-14.23	33.47	295
10000	11.17	3.59	11.73	252	11000	15.89	-6.12	17.03	291	12000	30.16	-14.22	33.34	295
10025	10.80	3.77	11.44	251	11025	15.41	-6.68	16.79	293	12025	30.11	-14.48	33.40	296
10050	10.48	3.92	11.19	249	11050	15.96	-7.50	17.64	295	12050	30.05	-14.85	33.52	296
10075	10.04	3.91	10.77	249	11075	16.61	-8.39	18.61	297	12075	29.92	-14.87	33.41	296
10100	9.61	4.17	10.48	246	11100	16.62	-8.49	18.66	297	12100	29.72	-14.60	33.11	296
10125	9.45	4.39	10.42	245	11125	17.09	-8.22	18.97	296	12125	29.63	-14.23	32.87	295
10150	9.46	4.47	10.46	245	11150	17.23	-8.05	19.02	295	12150	29.64	-13.91	32.74	295
10175	9.44	4.61	10.50	244	11175	17.32	-8.32	19.22	295	12175	29.66	-13.70	32.67	295
10200	9.46	4.77	10.59	243	11200	18.07	-9.03	20.20	296	12200	29.56	-13.56	32.53	294

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-23 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-05 02/10/65, 1802Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	29.41	-13.61	32.40	295	13225	27.27	-14.00	30.65	297	14225	23.40	-13.77	27.15	300
12250	29.62	-13.98	32.75	295	13250	27.22	-14.10	30.65	297	14250	23.05	-13.44	26.68	300
12275	29.79	-14.38	33.07	296	13275	27.29	-14.15	30.74	297	14275	22.52	-13.48	26.24	301
12300	29.69	-14.51	33.05	296	13300	27.45	-14.21	30.91	297	14300	22.49	-13.58	26.28	301
12325	29.56	-14.68	33.01	296	13325	27.44	-14.18	30.89	297	14325	22.35	-13.42	26.07	301
12350	29.35	-15.03	32.97	297	13350	27.43	-14.55	31.05	298	14350	22.12	-13.11	25.71	300
12375	29.32	-15.33	33.08	297	13375	27.68	-14.83	31.41	298	14375	21.90	-13.11	25.52	301
12400	29.42	-15.53	33.26	298	13400	28.02	-14.83	31.70	298	14400	21.76	-12.50	25.10	300
12425	29.34	-15.43	33.15	298	13425	28.07	-15.02	31.83	298	14425	21.63	-12.23	24.85	299
12450	29.19	-14.97	32.80	297	13450	28.14	-15.16	31.96	298	14450	21.36	-11.99	24.50	299
12475	29.06	-14.63	32.53	297	13475	28.33	-15.22	32.16	298	14475	21.10	-11.49	24.03	298
12500	29.03	-14.52	32.45	296	13500	28.61	-15.19	32.39	298	14500	20.93	-11.18	23.73	298
12525	29.25	-14.37	32.59	296	13525	28.66	-15.39	32.53	298	14525	20.90	-10.92	23.58	297
12550	29.64	-14.28	32.90	296	13550	28.43	-15.54	32.40	298	14550	20.91	-10.53	23.41	297
12575	29.76	-14.39	33.05	296	13575	28.44	-15.51	32.39	298	14575	20.81	-9.93	23.06	295
12600	29.78	-14.50	33.12	296	13600	28.42	-15.67	32.46	299	14600	21.19	-9.41	23.19	294
12625	29.69	-14.63	33.10	296	13625	28.33	-15.87	32.47	299	14625	21.39	-9.07	23.23	293
12650	29.62	-14.69	33.06	296	13650	28.27	-15.81	32.39	299	14650	21.01	-8.20	22.56	291
12675	29.60	-14.77	33.08	296	13675	28.31	-15.60	32.32	299	14675	21.07	-7.73	22.44	290
12700	29.60	-14.67	33.04	296	13700	28.47	-15.76	32.54	299	14700	20.69	-7.60	22.04	290
12725	29.65	-14.69	33.09	296	13725	28.48	-16.09	32.71	299	14725	20.00	-7.08	21.22	289
12750	29.48	-14.70	32.94	296	13750	28.41	-16.03	32.63	299	14750	20.13	-6.45	21.14	288
12775	29.14	-14.34	32.47	296	13775	28.40	-15.93	32.56	299	14775	19.88	-5.99	20.76	287
12800	28.83	-14.10	32.09	296	13800	28.34	-15.98	32.54	299	14800	19.85	-5.91	20.71	286
12825	28.23	-13.77	31.40	296	13825	28.27	-16.20	32.59	300	14825	20.02	-5.16	20.68	284
12850	28.00	-13.35	31.02	295	13850	28.32	-16.13	32.59	299	14850	19.67	-4.46	20.17	283
12875	28.10	-13.21	31.05	295	13875	28.13	-16.05	32.39	300	14875	19.62	-4.35	20.10	282
12900	27.75	-13.32	30.78	295	13900	27.55	-16.22	31.97	300	14900	19.83	-4.32	20.29	282
12925	27.46	-13.42	30.57	296	13925	27.06	-15.88	31.38	300	14925	19.98	-3.87	20.36	281
12950	27.28	-13.69	30.52	296	13950	26.88	-15.96	31.26	301	14950	20.03	-3.46	20.32	280
12975	27.05	-13.74	30.34	297	13975	26.71	-16.21	31.25	301	14975	20.07	-3.28	20.33	279
13000	26.81	-13.57	30.05	297	14000	26.38	-16.07	30.89	301	15000	19.94	-3.28	20.21	279
13025	26.58	-13.54	29.83	297	14025	26.07	-16.04	30.61	301	15025	20.32	-2.94	20.53	278
13050	26.49	-13.46	29.72	297	14050	25.89	-15.45	30.14	301	15050	20.74	-1.99	20.83	275
13075	26.44	-13.51	29.69	297	14075	25.47	-15.05	29.59	300	15075	20.59	-2.06	20.69	276
13100	26.86	-13.69	30.15	297	14100	25.33	-15.16	29.53	301	15100	20.98	-3.17	21.22	278
13125	27.09	-13.70	30.36	297	14125	25.21	-14.83	29.25	300	15125	21.78	-3.48	22.05	279
13150	26.98	-13.81	30.31	297	14150	24.60	-14.61	28.61	301	15150	22.32	-4.01	22.68	280
13175	27.15	-13.96	30.53	297	14175	24.22	-14.23	28.09	300	15175	23.05	-4.03	23.39	280
13200	27.28	-13.94	30.63	297	14200	23.78	-14.08	27.63	300	15200	23.33	-3.83	23.64	279

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-05 02/10/65, 1802Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	23.88	-3.85	24.19	279	16225	18.98	-15.24	24.34	309					
15250	24.50	-3.82	24.80	279	16250	19.14	-14.92	24.27	308					
15275	24.82	-3.97	25.14	279	16275	18.87	-15.26	24.27	309					
15300	25.20	-3.74	25.48	278	16300	18.43	-16.06	24.45	311					
15325	25.54	-3.18	25.74	277	16325	18.03	-16.24	24.27	312					
15350	25.46	-3.46	25.70	278	16350	18.15	-16.15	24.30	311					
15375	25.45	-4.22	25.79	279	16375	17.73	-16.24	24.04	312					
15400	25.49	-4.77	25.93	280	16400	16.94	-16.66	23.76	314					
15425	25.48	-5.27	26.02	282	16425	16.71	-17.18	23.96	316					
15450	25.66	-5.89	26.33	283	16450	16.64	-16.90	23.72	315					
15475	26.07	-6.63	26.90	284	16475	16.43	-16.64	23.39	315					
15500	26.56	-7.24	27.53	285	16500	15.65	-16.92	23.05	317					
15525	27.05	-7.59	28.10	285	16525	14.64	-17.12	22.53	319					
15550	27.22	-8.11	28.40	286	16550	14.19	-17.11	22.23	320					
15575	27.62	-9.15	29.10	288	16575	13.68	-16.17	21.18	320					
15600	28.18	-9.29	29.67	288	16600	12.30	-16.18	20.32	323					
15625	28.94	-9.21	30.37	287	16625	11.77	-16.42	20.20	324					
15650	29.36	-9.67	30.91	288	16650	11.06	-15.82	19.30	325					
15675	29.44	-10.49	31.25	289	16675	10.39	-15.12	18.35	325					
15700	29.65	-11.29	31.73	291	16700	9.98	-14.74	17.80	326					
15725	30.12	-11.45	32.23	291	16725	9.77	-13.93	17.01	325					
15750	30.57	-11.69	32.73	291	16750	9.57	-13.83	16.82	325					
15775	31.12	-12.41	33.50	292	16775	9.53	-14.17	17.08	326					
15800	31.26	-12.99	33.85	292	16800	9.63	-12.97	16.15	323					
15825	30.87	-13.74	33.79	294	16825	9.02	-12.06	15.06	323					
15850	30.17	-14.35	33.41	295	16850	8.27	-11.64	14.29	324					
15875	29.85	-14.66	33.26	296	16875	7.66	-11.56	13.87	326					
15900	28.56	-14.94	32.23	297	16900	7.32	-11.30	13.46	327					
15925	27.39	-15.09	31.28	299	16925	7.30	-10.22	12.55	324					
15950	26.31	-14.87	30.22	299	16950	7.06	-10.02	12.25	325					
15975	25.22	-14.40	29.04	300	16975	6.87	-9.74	11.92	325					
16000	24.02	-14.95	28.29	302										
16025	23.14	-14.64	27.38	302										
16050	22.34	-13.76	26.24	301										
16075	20.90	-13.55	24.91	303										
16100	19.85	-13.54	24.02	304										
16125	18.96	-12.85	22.91	304										
16150	18.82	-12.90	22.81	304										
16175	18.97	-13.54	23.30	305										
16200	18.87	-14.45	23.77	307										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-24

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-06 02/10/65, 1915Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
300	-3.46	6.74	7.58	153	1300	-6.50	3.87	7.57	121	2300	0.39	1.10	1.16	199
325	-3.58	6.65	7.55	151	1325	-6.47	3.63	7.42	119	2325	0.34	1.16	1.21	196
350	-3.86	6.76	7.78	150	1350	-6.54	3.52	7.43	118	2350	0.27	1.19	1.22	192
375	-3.95	6.94	7.99	150	1375	-6.59	3.51	7.46	118	2375	0.25	1.28	1.30	191
400	-4.18	7.02	8.17	149	1400	-6.08	3.55	7.05	120	2400	0.29	1.49	1.52	191
425	-4.45	7.07	8.36	148	1425	-5.21	3.72	6.40	125	2425	0.31	1.44	1.47	192
450	-4.60	7.15	8.50	147	1450	-4.14	3.96	5.73	134	2450	0.34	1.11	1.17	197
475	-4.73	7.25	8.66	147	1475	-3.16	4.22	5.27	143	2475	0.39	0.90	0.98	203
500	-5.09	7.51	9.07	146	1500	-2.26	4.26	4.83	152	2500	0.44	1.12	1.21	201
525	-5.44	7.83	9.53	145	1525	-1.75	4.17	4.53	157	2525	0.42	1.39	1.45	196
550	-5.36	8.14	9.75	146	1550	-1.33	4.26	4.47	162	2550	0.36	1.51	1.55	193
575	-5.41	8.45	10.04	147	1575	-0.96	4.36	4.46	167	2575	0.42	1.54	1.60	195
600	-5.70	8.70	10.40	147	1600	-0.52	4.05	4.08	173	2600	0.38	1.48	1.53	194
625	-5.91	8.83	10.62	146	1625	-0.25	3.74	3.75	176	2625	0.50	1.35	1.44	200
650	-6.31	8.68	10.73	144	1650	-0.27	3.53	3.54	176	2650	1.07	1.08	1.52	224
675	-6.06	8.60	10.52	145	1675	-0.35	3.28	3.30	174	2675	1.73	0.93	1.96	242
700	-5.87	8.46	10.30	145	1700	-0.48	3.34	3.37	172	2700	2.21	0.96	2.41	246
725	-6.32	8.17	10.33	142	1725	-0.83	3.57	3.66	167	2725	2.49	1.01	2.69	248
750	-6.56	8.03	10.37	141	1750	-1.00	3.54	3.67	164	2750	2.59	1.07	2.80	247
775	-6.62	7.89	10.30	140	1775	-0.89	3.40	3.51	165	2775	2.56	1.16	2.81	245
800	-6.46	7.58	9.96	139	1800	-0.72	3.12	3.20	167	2800	2.73	1.40	3.07	243
825	-6.41	7.04	9.52	137	1825	-0.44	2.64	2.68	170	2825	3.10	1.64	3.50	242
850	-6.50	6.65	9.30	135	1850	-0.18	2.35	2.35	175	2850	3.22	2.00	3.80	238
875	-6.35	6.47	9.07	135	1875	-0.05	2.23	2.23	179	2875	3.20	2.56	4.10	231
900	-6.06	6.25	8.71	136	1900	-0.10	2.15	2.15	177	2900	3.20	2.98	4.38	227
925	-6.05	6.07	8.57	135	1925	-0.14	2.13	2.14	176	2925	3.16	3.14	4.45	225
950	-6.24	6.06	8.70	134	1950	-0.04	2.31	2.31	179	2950	3.14	3.34	4.59	223
975	-6.52	6.02	8.88	133	1975	0.13	2.56	2.56	183	2975	2.97	3.80	4.83	218
1000	-6.60	6.09	8.98	132	2000	0.41	2.70	2.73	188	3000	2.93	4.10	5.04	215
1025	-6.54	6.27	9.06	134	2025	0.66	2.73	2.81	193	3025	3.09	4.65	5.58	213
1050	-6.53	6.37	9.12	134	2050	0.60	2.41	2.48	194	3050	2.97	5.43	6.19	209
1075	-6.41	6.36	9.03	135	2075	0.35	2.02	2.05	190	3075	2.56	6.01	6.54	203
1100	-6.19	6.36	8.88	136	2100	0.07	1.90	1.90	182	3100	2.45	6.34	6.80	201
1125	-5.99	6.46	8.81	137	2125	-0.38	1.62	1.67	167	3125	2.79	6.04	6.66	205
1150	-5.98	6.10	8.54	135	2150	-0.66	1.42	1.56	155	3150	3.22	5.58	6.44	210
1175	-6.01	5.57	8.19	133	2175	-0.59	1.56	1.67	159	3175	3.64	5.27	6.40	214
1200	-5.97	5.23	7.93	131	2200	-0.39	1.55	1.60	166	3200	3.91	4.74	6.14	219
1225	-6.02	4.99	7.82	129	2225	-0.05	1.32	1.32	177	3225	3.90	4.68	6.09	220
1250	-6.23	4.74	7.83	127	2250	0.44	1.24	1.31	199	3250	3.66	5.12	6.29	215
1275	-6.40	4.31	7.72	124	2275	0.53	1.15	1.27	204	3275	3.50	5.48	6.50	212

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-06 02/10/65, 1915Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3300	3.61	5.64	6.70	212	4300	1.06	6.04	6.13	190	5300	4.19	0.51	4.22	263
3325	3.76	5.77	6.89	213	4325	0.84	6.08	6.14	188	5325	4.53	0.41	4.55	265
3350	3.76	5.74	6.86	213	4350	0.71	6.09	6.13	186	5350	4.79	0.33	4.80	266
3375	3.74	5.52	6.67	214	4375	0.60	6.02	6.05	185	5375	5.01	0.22	5.02	267
3400	3.89	5.35	6.61	216	4400	0.39	5.84	5.86	184	5400	5.19	0.04	5.20	269
3425	4.06	5.35	6.72	217	4425	0.26	5.75	5.76	182	5425	5.26	-0.03	5.26	270
3450	4.00	5.38	6.71	216	4450	0.23	5.63	5.64	182	5450	5.34	-0.01	5.34	270
3475	4.08	5.31	6.69	217	4475	0.19	5.66	5.66	182	5475	5.41	-0.02	5.41	270
3500	4.37	5.41	6.96	219	4500	0.26	5.78	5.78	182	5500	5.59	-0.10	5.59	271
3525	4.55	5.45	7.10	220	4525	0.40	5.74	5.75	184	5525	5.83	-0.11	5.83	271
3550	4.63	5.35	7.08	221	4550	0.31	5.68	5.69	183	5550	6.03	-0.14	6.03	271
3575	4.69	5.40	7.15	221	4575	0.26	5.54	5.54	182	5575	6.30	-0.20	6.30	272
3600	4.66	5.29	7.05	221	4600	0.56	5.44	5.47	186	5600	6.78	-0.10	6.78	271
3625	4.50	5.21	6.88	221	4625	0.81	5.46	5.52	188	5625	7.32	-0.04	7.32	270
3650	4.34	5.37	6.91	219	4650	0.93	5.46	5.54	189	5650	7.59	-0.06	7.59	270
3675	4.20	5.41	6.85	218	4675	0.96	5.49	5.58	190	5675	7.88	-0.04	7.88	270
3700	4.15	5.47	6.87	217	4700	1.18	5.49	5.61	192	5700	7.99	-0.02	7.99	270
3725	4.08	5.62	6.94	216	4725	1.64	5.26	5.51	197	5725	7.88	0.12	7.88	269
3750	3.89	5.71	6.91	214	4750	1.99	4.80	5.20	202	5750	7.83	0.30	7.84	268
3775	3.61	5.74	6.78	212	4775	2.26	4.27	4.83	208	5775	7.69	0.43	7.70	267
3800	3.49	5.75	6.72	211	4800	2.37	3.68	4.38	213	5800	7.68	0.61	7.70	265
3825	3.50	5.76	6.73	211	4825	2.32	3.27	4.01	215	5825	7.93	0.80	7.97	264
3850	3.36	5.65	6.58	211	4850	2.32	3.15	3.91	216	5850	8.13	0.92	8.18	263
3875	3.35	5.42	6.37	212	4875	2.39	3.05	3.88	218	5875	8.20	1.09	8.27	262
3900	3.50	5.09	6.18	214	4900	2.51	2.70	3.69	223	5900	8.09	1.14	8.17	262
3925	3.60	4.89	6.08	216	4925	2.61	2.10	3.35	231	5925	8.12	1.05	8.18	262
3950	3.71	4.82	6.08	217	4950	2.69	1.72	3.19	237	5950	8.29	1.01	8.35	263
3975	3.80	4.75	6.08	218	4975	2.71	1.61	3.15	239	5975	8.44	1.03	8.50	263
4000	3.83	4.73	6.09	219	5000	2.73	1.48	3.11	241	6000	8.78	1.04	8.84	263
4025	3.75	4.83	6.12	218	5025	2.67	1.27	2.95	244	6025	9.07	1.01	9.12	263
4050	3.53	4.87	6.02	216	5050	2.68	1.16	2.92	246	6050	9.21	0.95	9.26	264
4075	3.25	5.00	5.96	213	5075	2.94	1.00	3.11	251	6075	9.40	0.79	9.43	265
4100	2.85	5.14	5.87	209	5100	3.15	0.80	3.25	256	6100	9.54	0.53	9.55	267
4125	2.53	5.30	5.87	205	5125	3.20	0.77	3.30	256	6125	9.40	0.59	9.41	266
4150	2.40	5.65	6.14	203	5150	3.08	0.84	3.20	255	6150	8.96	0.93	9.01	264
4175	2.03	5.90	6.24	199	5175	3.06	1.03	3.23	251	6175	8.63	1.11	8.70	262
4200	1.45	6.07	6.24	193	5200	3.13	1.04	3.29	251	6200	8.35	1.28	8.45	261
4225	1.12	6.13	6.23	190	5225	3.17	0.84	3.28	255	6225	8.24	1.51	8.38	259
4250	1.08	6.08	6.18	190	5250	3.52	0.68	3.58	259	6250	8.42	1.89	8.63	257
4275	1.14	6.02	6.13	191	5275	3.92	0.55	3.96	262	6275	8.54	2.08	8.79	256

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-24 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-06 02/10/65, 1915Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6300	8.42	1.95	8.64	257	7300	9.05	1.96	9.25	258	8300	9.05	5.21	10.45	240
6325	8.24	1.91	8.46	257	7325	8.98	1.96	9.19	258	8325	9.07	5.40	10.56	239
6350	8.02	2.01	8.27	256	7350	8.78	1.98	9.00	257	8350	9.16	5.47	10.67	239
6375	7.87	2.13	8.16	255	7375	8.60	2.04	8.84	256	8375	9.31	5.53	10.83	239
6400	7.84	2.08	8.12	255	7400	8.40	2.14	8.67	256	8400	9.52	5.60	11.04	239
6425	7.84	1.95	8.08	256	7425	8.19	2.18	8.47	255	8425	9.80	5.50	11.23	241
6450	7.91	1.89	8.13	256	7450	8.11	2.19	8.40	255	8450	10.09	5.46	11.47	241
6475	7.95	1.73	8.14	258	7475	8.11	2.13	8.39	255	8475	10.37	5.56	11.77	242
6500	8.01	1.46	8.14	260	7500	8.19	2.10	8.45	255	8500	10.65	5.52	12.00	242
6525	8.26	1.34	8.37	261	7525	8.35	2.14	8.62	255	8525	10.76	5.46	12.07	243
6550	8.50	1.18	8.58	262	7550	8.46	2.06	8.71	256	8550	10.69	5.39	11.97	243
6575	8.78	0.91	8.82	264	7575	8.43	1.85	8.63	257	8575	10.80	5.29	12.02	244
6600	9.07	0.87	9.11	264	7600	8.37	1.91	8.59	257	8600	11.20	5.46	12.46	244
6625	9.26	0.96	9.31	264	7625	8.39	2.22	8.68	255	8625	11.37	5.81	12.77	243
6650	9.38	1.00	9.43	264	7650	8.34	2.44	8.69	253	8650	11.43	6.10	12.95	242
6675	9.02	0.94	9.06	264	7675	8.42	2.84	8.89	251	8675	11.62	6.11	13.13	242
6700	8.75	0.97	8.81	263	7700	8.54	3.17	9.11	249	8700	12.16	6.13	13.62	243
6725	8.83	1.00	8.89	263	7725	8.74	3.22	9.31	250	8725	12.32	6.22	13.80	243
6750	8.97	0.90	9.02	264	7750	8.87	3.11	9.40	251	8750	12.27	6.29	13.79	243
6775	9.08	0.82	9.12	265	7775	9.05	3.05	9.55	251	8775	12.43	6.15	13.87	243
6800	9.04	0.77	9.08	265	7800	9.25	3.08	9.75	251	8800	12.52	5.98	13.88	244
6825	9.01	0.78	9.05	265	7825	9.35	3.17	9.87	251	8825	12.45	5.93	13.79	244
6850	9.01	0.77	9.04	265	7850	9.39	3.24	9.94	251	8850	12.38	5.64	13.60	245
6875	8.99	0.73	9.02	265	7875	9.34	3.30	9.90	250	8875	12.52	5.45	13.66	246
6900	8.96	0.72	8.99	265	7900	9.44	3.47	10.06	250	8900	12.76	5.59	13.93	246
6925	8.85	0.97	8.91	264	7925	9.61	3.53	10.24	250	8925	12.83	5.57	13.99	246
6950	8.71	1.42	8.83	261	7950	9.49	3.59	10.15	249	8950	12.88	5.38	13.96	247
6975	8.60	1.68	8.76	259	7975	9.29	3.90	10.08	247	8975	12.81	5.15	13.81	248
7000	8.58	1.86	8.78	258	8000	9.26	4.10	10.12	246	9000	12.77	5.04	13.73	248
7025	8.66	2.00	8.89	257	8025	9.56	3.93	10.33	247	9025	12.72	5.07	13.70	248
7050	8.48	2.08	8.73	256	8050	9.81	3.92	10.57	248	9050	12.72	5.02	13.68	248
7075	8.28	2.26	8.59	255	8075	9.82	4.20	10.68	247	9075	12.82	5.02	13.77	248
7100	8.42	2.37	8.75	254	8100	9.73	4.45	10.70	245	9100	12.93	5.23	13.95	248
7125	8.53	2.19	8.81	255	8125	9.49	4.67	10.58	244	9125	13.01	5.33	14.06	248
7150	8.64	1.97	8.86	257	8150	9.43	4.83	10.59	243	9150	12.99	5.29	14.02	248
7175	8.92	1.87	9.12	258	8175	9.46	4.95	10.68	242	9175	13.08	5.34	14.13	248
7200	9.13	1.73	9.29	259	8200	9.31	5.03	10.58	241	9200	13.25	5.47	14.34	247
7225	9.41	1.76	9.57	259	8225	9.21	4.99	10.47	241	9225	13.30	5.61	14.43	247
7250	9.50	1.90	9.69	258	8250	9.01	5.08	10.35	240	9250	13.43	5.69	14.59	247
7275	9.19	1.92	9.39	258	8275	8.94	5.14	10.32	240	9275	13.64	5.81	14.83	247

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-06 02/10/65, 1915Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9300	13.72	5.91	14.94	246	10300	17.01	2.27	17.16	262	11300	21.56	-13.95	25.68	303
9325	13.87	5.94	15.09	247	10325	16.63	1.55	16.70	264	11325	22.57	-14.64	26.90	303
9350	14.05	5.97	15.27	247	10350	16.32	1.03	16.36	266	11350	23.38	-14.95	27.76	302
9375	14.05	5.82	15.21	247	10375	15.92	0.81	15.94	267	11375	24.17	-15.00	28.45	302
9400	14.18	5.60	15.24	248	10400	15.55	0.65	15.57	267	11400	24.70	-14.86	28.83	301
9425	14.44	5.54	15.46	249	10425	15.30	0.64	15.32	267	11425	25.70	-14.47	29.49	299
9450	13.96	5.32	14.94	249	10450	15.00	0.62	15.01	267	11450	27.05	-13.97	30.44	297
9475	14.06	5.39	15.06	249	10475	14.91	0.30	14.91	269	11475	27.67	-13.55	30.80	296
9500	14.75	5.57	15.76	249	10500	14.98	-0.03	14.98	270	11500	27.94	-13.29	30.94	295
9525	14.88	5.44	15.85	250	10525	15.04	-0.10	15.04	270	11525	28.03	-13.22	30.99	295
9550	14.96	5.34	15.88	250	10550	15.05	-0.02	15.05	270	11550	28.17	-13.15	31.09	295
9575	15.10	5.23	15.99	251	10575	14.86	-0.04	14.86	270	11575	28.37	-13.10	31.24	295
9600	15.35	5.19	16.20	251	10600	14.83	-0.24	14.83	271	11600	28.58	-13.12	31.45	294
9625	15.41	4.87	16.16	252	10625	14.74	-0.51	14.75	272	11625	29.10	-13.10	31.91	294
9650	14.99	4.67	15.70	253	10650	14.40	-1.14	14.45	274	11650	29.62	-13.03	32.36	294
9675	14.59	4.79	15.35	252	10675	14.29	-1.85	14.41	277	11675	29.76	-12.88	32.43	293
9700	14.29	4.71	15.05	252	10700	14.43	-2.41	14.63	279	11700	30.06	-12.57	32.59	293
9725	14.07	4.60	14.80	252	10725	14.32	-2.75	14.58	281	11725	30.38	-12.58	32.88	292
9750	14.06	4.36	14.72	253	10750	14.21	-2.81	14.49	281	11750	30.84	-13.00	33.47	293
9775	14.12	4.00	14.68	254	10775	14.36	-3.02	14.68	282	11775	31.17	-13.34	33.91	293
9800	13.90	3.69	14.38	255	10800	14.82	-3.63	15.26	284	11800	31.19	-13.72	34.07	294
9825	13.39	3.47	13.83	255	10825	14.75	-4.12	15.31	285	11825	31.35	-14.22	34.43	294
9850	12.90	3.20	13.29	256	10850	14.46	-4.32	15.09	286	11850	31.33	-14.56	34.54	295
9875	12.59	3.27	13.01	255	10875	14.66	-4.33	15.28	286	11875	31.24	-15.00	34.66	295
9900	12.13	3.59	12.65	253	10900	14.88	-4.30	15.49	286	11900	31.31	-15.23	34.82	296
9925	11.68	3.71	12.25	252	10925	15.14	-4.65	15.84	287	11925	31.45	-15.30	34.98	296
9950	11.26	3.92	11.92	251	10950	15.23	-5.61	16.23	290	11950	31.41	-15.35	34.96	296
9975	10.89	4.13	11.65	249	10975	15.25	-6.60	16.61	293	11975	31.40	-15.42	34.98	296
10000	10.75	4.33	11.59	248	11000	15.42	-7.87	17.31	297	12000	31.36	-15.48	34.97	296
10025	10.85	4.58	11.77	247	11025	15.94	-8.75	18.18	299	12025	31.31	-15.39	34.89	296
10050	11.09	4.90	12.12	246	11050	16.32	-9.07	18.67	299	12050	31.14	-15.42	34.75	296
10075	11.22	5.10	12.33	245	11075	16.39	-9.35	18.87	300	12075	31.09	-15.30	34.65	296
10100	11.43	5.08	12.51	246	11100	17.08	-10.00	19.79	300	12100	30.99	-14.97	34.42	296
10125	11.95	4.98	12.95	247	11125	18.26	-10.49	21.06	300	12125	30.76	-14.63	34.07	295
10150	12.92	4.72	13.75	250	11150	18.95	-10.64	21.73	299	12150	30.94	-14.38	34.11	295
10175	14.32	4.19	14.92	253	11175	19.35	-11.18	22.35	300	12175	31.03	-14.18	34.11	294
10200	15.25	3.65	15.68	256	11200	19.25	-11.83	22.59	301	12200	31.01	-14.24	34.12	294
10225	15.83	3.28	16.16	258	11225	19.32	-12.28	22.89	302	12225	30.82	-14.40	34.02	295
10250	16.38	3.11	16.67	259	11250	19.92	-12.84	23.70	303	12250	30.60	-14.62	33.92	295
10275	16.96	2.81	17.19	260	11275	20.61	-13.54	24.66	303	12275	30.50	-14.87	33.93	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-24 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-06 02/10/65, 1915Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12300	30.49	-14.79	33.89	296	13300	30.51	-14.71	33.87	296	14300	24.12	-10.89	26.46	294
12325	30.43	-14.70	33.79	296	13325	30.54	-14.38	33.76	295	14325	23.77	-10.68	26.06	294
12350	30.16	-14.53	33.48	296	13350	30.31	-14.67	33.68	296	14350	23.82	-10.23	25.93	293
12375	29.94	-14.16	33.12	295	13375	30.05	-14.68	33.45	296	14375	23.77	-9.42	25.57	291
12400	29.74	-13.81	32.79	295	13400	30.11	-14.41	33.38	295	14400	23.65	-9.28	25.41	291
12425	29.73	-13.64	32.71	294	13425	30.15	-14.00	33.24	295	14425	23.37	-8.87	24.99	291
12450	29.86	-13.39	32.73	294	13450	29.91	-13.99	33.02	295	14450	23.07	-8.18	24.48	289
12475	29.89	-13.17	32.66	294	13475	29.74	-14.46	33.07	296	14475	22.76	-7.82	24.06	289
12500	30.01	-13.19	32.78	294	13500	29.91	-14.64	33.30	296	14500	22.43	-7.58	23.67	288
12525	30.33	-13.39	33.16	294	13525	30.06	-14.76	33.49	296	14525	22.28	-7.36	23.47	288
12550	30.45	-13.73	33.40	294	13550	30.04	-15.22	33.68	297	14550	22.36	-7.25	23.51	288
12575	30.30	-13.86	33.32	294	13575	29.89	-15.48	33.65	297	14575	22.42	-6.81	23.43	287
12600	29.88	-13.94	32.97	295	13600	29.89	-15.81	33.81	298	14600	22.68	-6.77	23.67	286
12625	29.33	-13.89	32.45	295	13625	29.82	-16.20	33.93	298	14625	22.88	-6.81	23.87	286
12650	28.92	-13.70	32.00	295	13650	29.44	-16.03	33.53	298	14650	22.93	-6.15	23.74	285
12675	28.88	-13.92	32.06	296	13675	29.10	-15.54	32.99	298	14675	23.14	-5.44	23.77	283
12700	29.01	-14.12	32.27	296	13700	29.01	-15.55	32.92	298	14700	23.21	-5.34	23.82	283
12725	28.97	-13.75	32.07	295	13725	29.10	-16.08	33.24	299	14725	22.93	-4.89	23.44	282
12750	28.62	-13.29	31.56	295	13750	28.96	-15.83	33.00	298	14750	23.02	-4.54	23.47	281
12775	27.98	-13.02	30.86	295	13775	28.79	-15.35	32.63	298	14775	23.23	-4.47	23.66	281
12800	27.62	-12.96	30.51	295	13800	28.16	-15.03	31.92	298	14800	23.21	-4.25	23.60	280
12825	27.62	-12.85	30.46	295	13825	27.74	-14.40	31.25	297	14825	23.61	-4.64	24.06	281
12850	27.57	-12.89	30.44	295	13850	27.72	-14.11	31.11	297	14850	24.09	-4.67	24.54	281
12875	27.76	-13.02	30.66	295	13875	27.49	-14.13	30.90	297	14875	24.35	-4.58	24.78	280
12900	28.36	-13.02	31.21	294	13900	27.67	-14.38	31.18	297	14900	24.50	-4.24	24.87	280
12925	28.89	-13.26	31.79	294	13925	27.49	-14.24	30.96	297	14925	25.05	-4.84	25.52	281
12950	29.25	-13.52	32.22	295	13950	27.38	-13.72	30.63	296	14950	25.32	-5.80	25.98	283
12975	29.60	-13.46	32.51	294	13975	27.43	-13.97	30.78	297	14975	25.19	-6.32	25.97	284
13000	29.91	-13.64	32.87	294	14000	26.95	-14.16	30.44	298	15000	25.04	-7.05	26.01	286
13025	30.10	-13.85	33.13	295	14025	26.84	-13.77	30.16	297	15025	25.03	-6.89	25.96	285
13050	30.04	-13.80	33.06	294	14050	26.69	-13.59	29.95	297	15050	24.90	-6.85	25.83	285
13075	29.96	-13.60	32.90	294	14075	26.33	-13.44	29.56	297	15075	24.70	-7.19	25.72	286
13100	30.17	-14.07	33.29	295	14100	26.18	-13.32	29.37	297	15100	24.71	-7.52	25.83	287
13125	30.13	-14.58	33.47	296	14125	26.04	-13.00	29.10	296	15125	24.88	-7.95	26.12	288
13150	30.17	-14.66	33.55	296	14150	25.81	-12.43	28.65	296	15150	25.30	-7.98	26.53	287
13175	30.33	-14.90	33.79	296	14175	25.80	-12.40	28.63	295	15175	25.34	-7.42	26.41	286
13200	30.31	-15.12	33.87	296	14200	25.40	-12.38	28.26	296	15200	24.84	-7.48	25.94	287
13225	30.46	-15.28	34.08	296	14225	25.22	-12.02	27.94	295	15225	24.21	-7.17	25.25	286
13250	30.50	-15.27	34.11	296	14250	25.01	-11.72	27.61	295	15250	24.04	-6.62	24.93	285
13275	30.45	-15.20	34.04	296	14275	24.48	-11.52	27.06	295	15275	23.78	-6.57	24.67	285

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-06 02/10/65, 1915Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15300	23.97	-6.87	24.94	286	16300	20.32	-16.27	26.03	308					
15325	24.21	-6.35	25.03	285	16325	20.31	-16.35	26.07	309					
15350	24.07	-6.44	24.92	285	16350	20.65	-16.05	26.15	308					
15375	24.06	-7.04	25.07	286	16375	20.91	-16.73	26.78	308					
15400	24.35	-6.85	25.30	286	16400	20.47	-16.84	26.51	309					
15425	24.71	-6.48	25.54	285	16425	19.25	-16.00	25.03	310					
15450	25.08	-6.07	25.81	283	16450	18.04	-15.90	24.05	311					
15475	25.48	-6.09	26.20	283	16475	17.59	-15.87	23.69	312					
15500	25.67	-6.15	26.40	283	16500	16.84	-15.71	23.03	313					
15525	25.67	-6.24	26.42	283	16525	15.77	-15.74	22.28	315					
15550	25.69	-6.30	26.45	284	16550	14.76	-15.29	21.25	316					
15575	25.49	-6.41	26.28	284	16575	14.94	-15.20	21.31	315					
15600	25.92	-6.46	26.71	284	16600	14.59	-15.11	21.00	316					
15625	26.23	-6.85	27.11	284	16625	13.45	-15.22	20.31	318					
15650	26.59	-7.45	27.61	285	16650	12.54	-14.95	19.51	320					
15675	26.87	-7.84	27.99	286										
15700	26.91	-7.96	28.06	286										
15725	27.34	-7.72	28.41	286										
15750	28.23	-8.22	29.40	286										
15775	28.99	-8.68	30.27	286										
15800	29.77	-9.19	31.15	287										
15825	30.42	-9.74	31.95	288										
15850	30.63	-11.15	32.59	290										
15875	30.22	-12.41	32.67	292										
15900	29.20	-13.41	32.14	294										
15925	28.10	-14.15	31.47	297										
15950	27.31	-14.36	30.86	298										
15975	26.65	-14.72	30.44	299										
16000	25.72	-14.93	29.74	300										
16025	24.66	-14.77	28.74	301										
16050	23.48	-15.16	27.95	303										
16075	22.50	-15.60	27.38	305										
16100	21.73	-15.85	26.90	306										
16125	21.29	-15.87	26.56	307										
16150	21.03	-16.01	26.43	307										
16175	20.78	-16.26	26.39	308										
16200	20.54	-15.87	25.96	308										
16225	20.19	-15.47	25.43	307										
16250	20.10	-15.80	25.57	308										
16275	20.48	-16.11	26.06	308										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-25

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-07 02/10/65, 2031Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
5775	28.38	13.40	31.39	245	6775	35.83	12.85	38.06	250	7775	39.37	10.59	40.77	255
5800	28.40	13.80	31.57	244	6800	35.96	13.24	38.32	250	7800	39.74	10.10	41.01	256
5825	28.87	13.83	32.01	244	6825	36.00	13.71	38.52	249	7825	39.84	10.35	41.16	255
5850	29.26	13.32	32.15	245	6850	35.98	14.29	38.72	248	7850	39.82	10.15	41.10	256
5875	29.56	13.04	32.31	246	6875	36.00	14.71	38.89	248	7875	40.04	9.70	41.20	256
5900	29.76	12.85	32.41	246	6900	36.14	14.95	39.11	247	7900	40.47	9.60	41.59	256
5925	30.03	12.52	32.54	247	6925	36.32	15.45	39.46	247	7925	40.89	8.87	41.84	258
5950	30.31	12.45	32.77	247	6950	36.56	15.80	39.83	246	7950	41.34	8.30	42.16	258
5975	30.44	12.23	32.81	248	6975	36.86	15.80	40.11	247	7975	41.70	8.21	42.50	259
6000	30.64	11.91	32.88	249	7000	37.08	15.71	40.27	247	8000	42.00	8.41	42.84	258
6025	30.74	11.87	32.96	249	7025	37.48	15.81	40.68	247	8025	42.37	8.20	43.15	259
6050	30.84	11.99	33.09	249	7050	37.94	16.10	41.21	247	8050	42.91	7.30	43.52	260
6075	31.08	11.79	33.25	249	7075	38.80	16.19	42.04	247	8075	43.61	7.25	44.20	260
6100	31.11	11.70	33.23	249	7100	39.25	16.23	42.47	247	8100	44.48	6.90	45.01	261
6125	31.13	11.75	33.28	249	7125	39.15	15.98	42.29	248	8125	45.01	6.39	45.46	262
6150	31.56	11.54	33.61	250	7150	38.97	15.50	41.94	248	8150	45.22	6.35	45.66	262
6175	32.03	11.64	34.08	250	7175	38.74	15.11	41.58	249	8175	45.53	5.59	45.88	263
6200	32.55	11.80	34.62	250	7200	38.63	14.71	41.33	249	8200	45.75	5.18	46.05	263
6225	33.09	11.94	35.18	250	7225	38.59	14.34	41.16	249	8225	46.04	4.75	46.28	264
6250	33.44	11.74	35.44	250	7250	38.55	14.29	41.12	249	8250	46.38	4.63	46.61	264
6275	33.58	11.51	35.50	251	7275	38.45	14.18	40.98	250	8275	46.32	4.65	46.55	264
6300	33.96	11.61	35.89	251	7300	38.30	13.93	40.76	250	8300	46.19	4.48	46.41	264
6325	34.28	11.68	36.21	251	7325	38.29	13.64	40.65	250	8325	46.41	4.40	46.62	264
6350	34.41	12.05	36.46	251	7350	38.14	13.35	40.41	251	8350	46.75	4.00	46.92	265
6375	34.64	12.18	36.72	250	7375	37.90	13.40	40.20	250	8375	46.96	3.66	47.11	265
6400	34.70	12.34	36.83	250	7400	37.87	13.32	40.14	250	8400	46.86	3.69	47.00	265
6425	34.76	12.63	36.99	250	7425	37.89	13.21	40.12	251	8425	46.77	3.64	46.91	265
6450	34.84	12.68	37.08	250	7450	37.88	13.41	40.18	250	8450	46.83	3.34	46.95	266
6475	34.93	12.75	37.19	250	7475	37.93	12.89	40.06	251	8475	46.84	3.51	46.97	266
6500	34.87	12.77	37.13	250	7500	37.73	12.71	39.82	251	8500	47.02	3.58	47.16	265
6525	34.88	12.97	37.21	249	7525	37.59	12.92	39.75	251	8525	47.37	3.13	47.47	266
6550	35.07	13.05	37.42	249	7550	37.80	12.67	39.87	251	8550	47.79	3.46	47.91	266
6575	35.17	12.85	37.44	250	7575	38.08	12.24	40.00	252	8575	47.81	4.27	48.00	265
6600	35.43	12.92	37.71	250	7600	38.14	12.00	39.99	252	8600	47.76	4.33	47.96	265
6625	35.47	12.99	37.77	250	7625	38.28	12.37	40.23	252	8625	47.92	4.27	48.11	265
6650	35.47	12.82	37.72	250	7650	38.61	12.36	40.54	252	8650	48.26	4.18	48.44	265
6675	35.67	12.60	37.83	250	7675	38.66	11.77	40.41	253	8675	48.81	4.10	48.98	265
6700	35.66	12.60	37.82	250	7700	38.67	11.66	40.39	253	8700	49.16	4.07	49.32	265
6725	35.83	12.78	38.04	250	7725	38.81	11.46	40.47	253	8725	49.32	3.94	49.48	265
6750	35.92	12.75	38.12	250	7750	38.94	11.03	40.47	254	8750	49.49	3.74	49.63	266

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-07 02/10/65, 2031Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
8775	49.52	3.75	49.67	265	9775	51.11	12.03	52.51	257	10775	43.84	22.17	49.12	243
8800	49.54	3.80	49.68	265	9800	51.28	12.11	52.69	257	10800	44.21	21.54	49.17	244
8825	49.52	3.46	49.64	266	9825	51.12	12.25	52.57	256	10825	44.56	21.71	49.57	244
8850	49.24	3.99	49.40	265	9850	50.91	12.70	52.48	256	10850	44.89	21.63	49.83	244
8875	49.12	4.59	49.33	264	9875	51.02	12.90	52.62	256	10875	45.07	21.64	50.00	244
8900	49.39	4.50	49.59	265	9900	51.46	12.34	52.92	256	10900	45.23	21.11	49.91	245
8925	49.27	4.17	49.45	265	9925	51.64	12.50	53.13	256	10925	45.13	21.13	49.83	245
8950	49.13	4.48	49.33	265	9950	51.74	12.86	53.31	256	10950	44.55	21.31	49.39	244
8975	49.32	4.76	49.55	264	9975	51.84	12.68	53.37	256	10975	44.70	21.05	49.41	245
9000	49.27	4.90	49.52	264	10000	51.91	12.23	53.33	257	11000	44.91	21.62	49.84	244
9025	49.03	5.47	49.33	263	10025	51.92	12.42	53.38	256	11025	45.31	20.73	49.83	245
9050	49.08	5.58	49.40	263	10050	51.92	12.40	53.38	256	11050	45.56	20.72	50.05	245
9075	49.36	5.62	49.68	263	10075	51.94	11.82	53.27	257	11075	45.93	20.63	50.36	246
9100	49.60	5.73	49.93	263	10100	52.12	12.31	53.55	257	11100	46.38	20.14	50.56	246
9125	49.68	5.89	50.03	263	10125	52.43	12.37	53.87	257	11125	46.83	20.34	51.06	246
9150	49.70	6.50	50.13	262	10150	52.45	12.90	54.02	256	11150	47.22	20.16	51.34	247
9175	49.69	6.84	50.15	262	10175	53.01	12.93	54.56	256	11175	47.01	19.97	51.08	247
9200	49.79	6.62	50.23	262	10200	53.89	12.41	55.30	257	11200	47.09	19.07	50.80	248
9225	49.71	6.59	50.14	262	10225	53.48	13.91	55.26	255	11225	47.18	18.41	50.65	249
9250	49.88	6.99	50.36	262	10250	52.42	15.17	54.57	254	11250	47.38	17.87	50.64	249
9275	49.78	7.17	50.29	262	10275	51.43	16.55	54.03	252	11275	47.37	18.56	50.88	248
9300	49.60	6.71	50.05	262	10300	50.27	17.47	53.21	251	11300	46.87	18.70	50.46	248
9325	49.68	7.35	50.22	261	10325	48.54	18.48	51.94	249	11325	46.02	18.96	49.77	247
9350	49.65	7.88	50.27	261	10350	46.95	20.55	51.24	246	11350	45.62	17.79	48.96	249
9375	49.82	7.04	50.31	262	10375	45.97	21.23	50.63	245	11375	45.18	17.15	48.32	249
9400	49.92	6.90	50.39	262	10400	44.78	21.25	49.56	244	11400	44.73	17.14	47.90	249
9425	50.03	7.29	50.56	262	10425	43.46	22.19	48.80	243	11425	44.45	16.34	47.35	250
9450	50.12	7.44	50.67	261	10450	42.90	22.51	48.44	242	11450	44.01	15.98	46.82	250
9475	49.89	8.44	50.60	260	10475	43.10	22.02	48.40	243	11475	43.71	15.24	46.29	251
9500	49.90	8.55	50.63	260	10500	43.17	22.05	48.47	243	11500	43.53	14.82	45.99	251
9525	50.42	7.78	51.02	261	10525	43.01	22.06	48.34	243	11525	43.13	14.98	45.66	251
9550	50.57	8.50	51.28	260	10550	42.76	22.02	48.10	243	11550	42.57	13.91	44.78	252
9575	50.45	9.10	51.27	260	10575	43.05	21.31	48.03	243	11575	42.36	12.90	44.28	253
9600	50.50	9.88	51.45	259	10600	43.00	21.94	48.28	243	11600	41.94	12.95	43.90	253
9625	50.62	10.07	51.61	259	10625	43.20	22.04	48.50	243	11625	41.84	12.98	43.81	253
9650	50.61	10.22	51.64	258	10650	43.42	21.85	48.61	243	11650	41.98	12.02	43.67	254
9675	50.66	10.76	51.79	258	10675	43.22	21.99	48.49	243	11675	41.82	11.77	43.44	254
9700	50.69	11.48	51.97	257	10700	43.55	21.62	48.62	243	11700	41.30	11.90	42.99	254
9725	50.95	11.47	52.22	257	10725	43.78	22.02	49.01	243	11725	40.61	11.32	42.16	254
9750	51.02	11.48	52.29	257	10750	43.82	22.31	49.17	243	11750	40.76	10.32	42.04	256

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-25 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 870-07 02/10/65, 2031Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
11775	41.42	9.52	42.50	257	12775	47.90	11.16	49.18	257					
11800	41.50	10.21	42.74	256	12800	47.28	11.09	48.56	257					
11825	41.78	10.30	43.03	256	12825	47.56	12.70	49.23	255					
11850	42.25	9.75	43.36	257	12850	48.13	11.77	49.54	256					
11875	42.71	8.91	43.63	258	12875	47.99	11.21	49.26	257					
11900	43.05	8.10	43.80	259	12900	47.49	12.36	49.07	255					
11925	43.06	8.34	43.86	259	12925	47.58	12.01	49.07	256					
11950	43.16	8.02	43.89	259	12950	47.36	13.35	49.20	254					
11975	43.72	6.29	44.17	262	12975	47.48	13.17	49.27	254					
12000	44.26	5.94	44.66	262	13000	47.60	12.65	49.25	255					
12025	44.54	6.72	45.04	261	13025	47.19	13.23	49.01	254					
12050	44.91	6.56	45.38	262	13050	47.02	13.55	48.93	254					
12075	45.18	5.65	45.54	263	13075	47.05	13.83	49.04	253					
12100	46.03	6.17	46.44	262	13100	47.58	13.85	49.56	254					
12125	46.24	7.07	46.78	261	13125	47.78	14.35	49.89	253					
12150	46.14	6.46	46.59	262	13150	47.47	14.05	49.51	253					
12175	46.08	6.63	46.56	262	13175	47.18	13.28	49.01	254					
12200	46.09	7.08	46.63	261	13200	47.06	12.42	48.67	255					
12225	46.18	6.92	46.69	261	13225	46.39	14.26	48.53	253					
12250	46.44	6.73	46.93	262	13250	46.29	15.31	48.75	252					
12275	46.42	7.04	46.95	261	13275	46.49	14.05	48.56	253					
12300	46.15	7.18	46.70	261	13300	45.98	15.00	48.36	252					
12325	46.02	7.55	46.63	261	13325	45.53	16.67	48.48	250					
12350	45.73	8.32	46.48	260	13350	45.19	16.77	48.20	249					
12375	45.53	8.00	46.22	260	13375	44.96	16.09	47.75	250					
12400	45.78	7.38	46.37	261	13400	44.42	16.36	47.34	250					
12425	45.61	7.08	46.16	261	13425	43.48	16.45	46.49	249					
12450	45.50	8.36	46.26	259	13450	43.33	16.45	46.35	249					
12475	45.68	8.82	46.53	259	13475	42.80	16.09	45.73	249					
12500	45.48	8.61	46.28	259	13500	42.17	16.43	45.26	249					
12525	45.56	8.70	46.39	259	13525	40.92	17.22	44.40	247					
12550	46.43	7.74	47.07	260	13550	40.59	16.73	43.91	247					
12575	46.82	8.69	47.62	259	13575	40.12	17.04	43.59	247					
12600	46.98	9.87	48.01	258										
12625	47.18	9.19	48.07	259										
12650	47.42	10.26	48.52	258										
12675	47.91	10.16	48.98	258										
12700	48.03	10.09	49.08	258										
12725	47.76	11.17	49.05	257										
12750	47.85	11.53	49.22	256										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-26

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-09 02/10/65, 2305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-7.85	7.35	10.75	133	1200	1.55	1.11	1.91	234	2200	0.46	1.68	1.74	195
225	-7.84	7.38	10.77	133	1225	1.70	1.01	1.98	239	2225	0.27	2.00	2.02	188
250	-7.78	7.22	10.61	133	1250	2.11	1.08	2.37	243	2250	0.28	2.19	2.21	187
275	-7.44	7.12	10.30	134	1275	2.47	1.41	2.84	240	2275	0.42	2.37	2.40	190
300	-7.12	7.20	10.13	135	1300	2.45	1.50	2.88	238	2300	0.53	2.50	2.55	192
325	-7.26	7.36	10.34	135	1325	2.62	1.39	2.96	242	2325	0.80	2.65	2.77	197
350	-7.43	7.52	10.57	135	1350	2.78	1.39	3.11	243	2350	1.10	2.87	3.07	201
375	-7.66	7.53	10.75	134	1375	2.57	1.41	2.94	241	2375	1.02	3.06	3.22	198
400	-7.83	7.45	10.81	133	1400	2.29	1.44	2.70	238	2400	0.77	3.17	3.26	193
425	-7.86	7.43	10.81	133	1425	1.90	1.55	2.45	231	2425	0.75	3.23	3.32	193
450	-7.89	7.37	10.79	133	1450	1.39	1.55	2.08	222	2450	0.99	3.02	3.18	198
475	-7.80	7.46	10.79	134	1475	0.99	1.49	1.79	213	2475	1.24	2.63	2.91	205
500	-7.53	7.49	10.62	135	1500	0.62	1.94	2.04	197	2500	1.37	2.31	2.69	210
525	-7.03	7.41	10.21	136	1525	-0.00	2.20	2.20	180	2525	1.24	2.09	2.43	210
550	-6.68	7.59	10.11	138	1550	-0.72	2.06	2.19	161	2550	0.98	2.14	2.35	205
575	-6.55	7.77	10.16	140	1575	-1.36	2.06	2.47	146	2575	0.78	1.91	2.06	202
600	-6.40	7.64	9.97	140	1600	-1.81	1.94	2.65	137	2600	0.69	1.55	1.70	204
625	-5.99	7.24	9.40	140	1625	-1.92	1.92	2.72	135	2625	0.65	1.49	1.63	203
650	-5.44	6.96	8.83	142	1650	-1.78	2.07	2.73	139	2650	0.40	1.49	1.55	195
675	-4.95	6.87	8.46	144	1675	-1.64	2.20	2.74	143	2675	0.19	1.61	1.62	186
700	-4.56	6.55	7.98	145	1700	-1.47	2.30	2.73	147	2700	0.15	1.71	1.71	185
725	-4.21	6.09	7.40	145	1725	-1.00	2.46	2.65	158	2725	0.53	1.67	1.75	197
750	-3.92	5.76	6.97	146	1750	-0.50	2.52	2.57	169	2750	1.17	1.63	2.01	216
775	-3.81	5.55	6.73	145	1775	-0.30	2.59	2.61	173	2775	1.88	1.66	2.51	228
800	-3.52	5.53	6.55	147	1800	-0.37	2.69	2.72	172	2800	2.47	1.87	3.09	233
825	-3.25	5.51	6.39	149	1825	-0.59	2.68	2.74	167	2825	2.79	2.07	3.48	233
850	-2.88	4.89	5.68	149	1850	-0.92	2.62	2.78	160	2850	3.16	2.14	3.82	236
875	-1.89	4.13	4.54	155	1875	-1.21	2.45	2.73	153	2875	3.44	2.13	4.05	238
900	-1.07	3.84	3.98	164	1900	-1.22	2.36	2.65	152	2900	3.40	2.33	4.12	235
925	-0.60	3.63	3.68	170	1925	-0.87	2.29	2.45	159	2925	3.32	2.59	4.21	232
950	0.06	3.61	3.61	181	1950	-0.60	2.15	2.23	164	2950	3.41	2.57	4.27	233
975	0.75	3.79	3.86	191	1975	-0.35	2.19	2.22	171	2975	3.44	2.57	4.30	233
1000	1.22	3.59	3.79	199	2000	0.00	2.09	2.09	180	3000	3.26	2.93	4.39	228
1025	1.54	3.25	3.60	205	2025	0.30	1.93	1.95	189	3025	2.89	3.40	4.46	220
1050	1.61	3.08	3.48	207	2050	0.71	1.91	2.04	200	3050	2.66	3.73	4.58	215
1075	1.64	2.44	2.94	214	2075	0.86	1.93	2.11	204	3075	2.63	3.45	4.34	217
1100	1.75	1.78	2.49	224	2100	0.68	1.85	1.98	200	3100	2.75	2.77	3.90	225
1125	1.81	1.51	2.36	230	2125	0.57	1.63	1.73	199	3125	2.97	2.55	3.91	229
1150	1.68	1.39	2.18	230	2150	0.66	1.52	1.65	203	3150	2.97	2.83	4.10	226
1175	1.54	1.28	2.00	230	2175	0.69	1.51	1.66	204	3175	2.82	3.20	4.26	221

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-09 02/10/65, 2305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	2.77	3.31	4.32	220	4200	0.56	5.22	5.25	186	5200	2.28	1.21	2.58	242
3225	3.08	3.24	4.47	223	4225	0.52	5.19	5.22	186	5225	2.28	1.17	2.57	243
3250	3.44	3.09	4.63	228	4250	0.65	5.27	5.31	187	5250	2.28	0.83	2.43	250
3275	3.49	3.11	4.67	228	4275	0.83	5.56	5.62	188	5275	2.22	0.62	2.31	254
3300	3.55	3.23	4.80	227	4300	0.92	5.84	5.91	189	5300	2.17	0.30	2.20	262
3325	3.58	3.28	4.85	227	4325	0.86	6.08	6.14	188	5325	2.40	-0.20	2.41	275
3350	3.44	3.30	4.77	226	4350	0.73	6.17	6.21	187	5350	2.79	-0.62	2.86	282
3375	3.28	3.33	4.67	224	4375	0.68	6.24	6.27	186	5375	3.18	-0.72	3.26	283
3400	3.19	3.44	4.70	223	4400	0.64	6.33	6.36	186	5400	3.58	-0.74	3.66	282
3425	3.32	3.57	4.87	223	4425	0.56	6.36	6.38	185	5425	3.97	-0.84	4.05	282
3450	3.53	3.49	4.97	225	4450	0.44	6.71	6.72	184	5450	4.30	-0.89	4.39	282
3475	3.61	3.40	4.96	227	4475	0.17	7.09	7.09	181	5475	4.48	-1.06	4.60	283
3500	3.65	3.37	4.97	227	4500	0.11	6.96	6.97	181	5500	4.52	-1.28	4.70	286
3525	3.73	3.36	5.02	228	4525	0.14	6.48	6.48	181	5525	4.55	-1.40	4.76	287
3550	3.71	3.39	5.02	227	4550	0.15	6.03	6.03	181	5550	4.71	-1.60	4.97	289
3575	3.65	3.27	4.90	228	4575	0.05	5.78	5.78	180	5575	5.15	-1.78	5.45	289
3600	3.59	3.16	4.79	228	4600	-0.22	5.70	5.71	178	5600	5.60	-1.67	5.84	286
3625	3.68	3.19	4.87	229	4625	-0.22	5.60	5.60	178	5625	5.82	-1.56	6.02	285
3650	3.86	3.17	4.99	230	4650	-0.19	5.51	5.52	178	5650	6.05	-1.58	6.25	284
3675	3.91	3.37	5.16	229	4675	-0.24	5.59	5.59	177	5675	6.33	-1.55	6.52	284
3700	3.94	3.67	5.38	227	4700	-0.24	5.73	5.74	177	5700	6.58	-1.31	6.71	281
3725	3.86	3.68	5.34	226	4725	-0.22	5.84	5.84	178	5725	6.93	-0.92	6.99	277
3750	3.65	3.64	5.15	225	4750	-0.08	5.66	5.66	179	5750	7.21	-0.48	7.22	274
3775	3.43	3.63	5.00	223	4775	0.07	5.25	5.25	181	5775	7.35	-0.12	7.35	271
3800	3.23	3.69	4.90	221	4800	0.29	5.04	5.05	183	5800	7.39	-0.07	7.39	270
3825	3.03	3.86	4.91	218	4825	0.86	4.87	4.95	190	5825	7.33	-0.16	7.34	271
3850	2.92	4.26	5.16	214	4850	1.57	4.61	4.87	199	5850	7.63	-0.41	7.64	273
3875	2.87	4.75	5.55	211	4875	2.08	4.49	4.95	205	5875	7.70	-0.19	7.71	271
3900	2.59	5.19	5.80	206	4900	2.38	4.43	5.03	208	5900	7.36	0.31	7.37	267
3925	2.33	5.31	5.80	203	4925	2.38	4.20	4.83	209	5925	7.34	0.46	7.35	266
3950	2.29	5.19	5.67	204	4950	2.43	3.77	4.49	213	5950	6.61	0.52	6.63	265
3975	2.34	5.18	5.68	204	4975	2.37	3.29	4.05	216	5975	6.79	0.79	6.84	263
4000	2.41	5.00	5.55	206	5000	2.09	2.93	3.60	215	6000	7.53	1.05	7.61	262
4025	2.49	4.78	5.38	207	5025	1.95	2.71	3.34	216	6025	7.15	0.86	7.20	263
4050	2.46	4.78	5.38	207	5050	1.79	2.40	2.99	217	6050	7.10	0.72	7.14	264
4075	2.13	4.78	5.24	204	5075	1.72	2.10	2.72	219	6075	6.99	0.55	7.01	265
4100	1.64	4.89	5.15	198	5100	1.82	1.70	2.49	227	6100	6.92	0.33	6.93	267
4125	1.21	5.02	5.16	193	5125	2.12	1.18	2.42	241	6125	6.77	0.12	6.78	269
4150	1.05	5.02	5.13	192	5150	2.36	0.98	2.56	247	6150	6.66	-0.12	6.66	271
4175	0.82	5.13	5.19	189	5175	2.35	0.99	2.55	247	6175	6.74	-0.33	6.75	273

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-26 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-09 02/10/65, 2305Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	6.73	-0.78	6.77	276	7200	8.52	2.32	8.83	255	8200	11.05	3.16	11.49	254
6225	6.65	-1.18	6.76	280	7225	8.60	2.20	8.88	255	8225	11.19	3.26	11.65	254
6250	6.69	-1.24	6.80	280	7250	8.65	2.11	8.90	256	8250	11.44	3.36	11.92	253
6275	6.76	-1.29	6.88	281	7275	8.53	2.10	8.79	256	8275	11.78	3.56	12.30	253
6300	6.76	-1.32	6.89	281	7300	8.39	2.15	8.66	255	8300	11.93	3.71	12.49	253
6325	6.72	-1.27	6.84	281	7325	8.34	2.22	8.63	255	8325	11.92	3.48	12.41	254
6350	6.76	-1.16	6.86	280	7350	8.41	2.31	8.72	254	8350	11.62	3.15	12.04	255
6375	6.78	-1.15	6.87	279	7375	8.55	2.47	8.90	254	8375	11.40	3.03	11.79	255
6400	6.75	-1.11	6.84	279	7400	8.72	2.73	9.14	252	8400	11.23	3.00	11.62	255
6425	6.79	-1.14	6.88	279	7425	8.76	3.01	9.26	251	8425	11.08	2.90	11.45	255
6450	6.83	-1.29	6.95	280	7450	8.74	2.99	9.24	251	8450	11.14	2.73	11.47	256
6475	6.95	-1.28	7.07	280	7475	8.97	2.87	9.42	252	8475	11.01	2.59	11.31	257
6500	6.99	-1.37	7.12	281	7500	9.27	2.71	9.66	254	8500	10.85	2.43	11.12	257
6525	6.93	-1.40	7.07	281	7525	9.56	2.72	9.94	254	8525	10.85	2.22	11.08	258
6550	6.81	-1.33	6.94	281	7550	9.76	2.90	10.18	253	8550	11.01	2.01	11.19	259
6575	6.60	-1.22	6.72	280	7575	9.58	2.91	10.01	253	8575	11.19	1.87	11.3[illegible]	260
6600	6.49	-0.97	6.56	278	7600	9.43	2.91	9.87	253	8600	11.20	1.73	11.34	261
6625	6.47	-0.41	6.48	273	7625	9.40	2.88	9.83	253	8625	11.41	1.53	11.51	262
6650	6.55	0.16	6.55	268	7650	9.35	2.88	9.78	253	8650	11.65	1.33	11.73	263
6675	6.57	0.41	6.58	266	7675	9.33	2.97	9.80	252	8675	11.76	1.15	11.81	264
6700	6.43	0.58	6.46	265	7700	9.20	2.84	9.63	253	8700	11.83	0.79	11.86	266
6725	6.38	0.75	6.43	263	7725	9.09	2.75	9.50	253	8725	11.72	0.54	11.73	267
6750	6.53	1.03	6.61	261	7750	9.11	2.78	9.53	253	8750	11.57	0.37	11.58	268
6775	6.88	1.27	6.99	259	7775	9.28	2.62	9.64	254	8775	11.50	0.08	11.50	269
6800	7.06	1.48	7.21	258	7800	9.33	2.56	9.67	254	8800	11.45	-0.07	11.45	270
6825	6.98	1.62	7.17	257	7825	9.25	2.64	9.62	254	8825	11.40	-0.29	11.40	271
6850	7.09	1.80	7.31	256	7850	9.16	2.58	9.52	254	8850	11.39	-0.52	11.41	272
6875	7.24	2.19	7.57	253	7875	9.06	2.50	9.40	254	8875	11.52	-0.46	11.53	272
6900	7.47	2.55	7.89	251	7900	9.00	2.45	9.32	255	8900	11.63	-0.46	11.64	272
6925	8.03	2.74	8.48	251	7925	8.91	2.24	9.18	256	8925	11.63	-0.73	11.65	273
6950	8.64	2.78	9.08	252	7950	8.93	2.10	9.17	257	8950	11.74	-0.99	11.78	275
6975	8.87	2.75	9.28	253	7975	9.11	2.28	9.39	256	8975	12.02	-1.04	12.07	275
7000	8.87	2.75	9.28	253	8000	9.31	2.41	9.61	255	9000	12.19	-1.00	12.23	275
7025	8.92	2.75	9.34	253	8025	9.44	2.39	9.74	256	9025	12.08	-0.93	12.12	274
7050	8.89	2.56	9.25	254	8050	9.52	2.37	9.81	256	9050	11.98	-0.87	12.02	274
7075	8.89	2.45	9.22	254	8075	9.69	2.43	9.99	256	9075	12.13	-0.90	12.16	274
7100	8.98	2.52	9.33	254	8100	10.06	2.55	10.38	256	9100	12.57	-1.07	12.62	275
7125	8.97	2.51	9.31	254	8125	10.33	2.62	10.66	256	9125	13.21	-1.26	13.27	275
7150	8.80	2.49	9.15	254	8150	10.58	2.65	10.91	256	9150	13.56	-1.46	13.64	276
7175	8.60	2.45	8.94	254	8175	10.88	2.90	11.26	255	9175	13.45	-1.78	13.57	277

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-09 02/10/65, 2305Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	13.74	-2.51	13.97	280	10200	16.50	-4.42	17.08	285	11200	24.77	-14.62	28.77	300
9225	14.33	-3.23	14.69	283	10225	16.47	-4.44	17.06	285	11225	25.57	-15.06	29.67	300
9250	14.31	-3.63	14.76	284	10250	16.26	-4.52	16.88	285	11250	26.20	-15.38	30.38	300
9275	13.93	-4.28	14.57	287	10275	15.97	-4.33	16.55	285	11275	26.54	-15.77	30.87	301
9300	13.68	-4.79	14.50	289	10300	15.78	-3.96	16.27	284	11300	26.60	-15.99	31.04	301
9325	13.82	-4.90	14.66	289	10325	15.60	-3.76	16.04	283	11325	26.64	-16.02	31.09	301
9350	14.06	-4.84	14.87	289	10350	15.30	-3.55	15.71	283	11350	26.98	-15.77	31.25	300
9375	13.96	-4.68	14.72	288	10375	15.07	-3.62	15.49	283	11375	27.41	-15.25	31.36	299
9400	13.81	-4.66	14.58	288	10400	14.89	-3.79	15.37	284	11400	27.89	-14.76	31.56	298
9425	15.00	-5.21	15.88	289	10425	14.83	-4.10	15.39	285	11425	28.45	-14.12	31.77	296
9450	15.59	-5.41	16.50	289	10450	14.80	-4.42	15.45	286	11450	31.79	-15.04	35.17	295
9475	14.43	-5.02	15.28	289	10475	14.74	-4.48	15.40	287	11475	32.03	-15.04	35.39	295
9500	14.10	-4.97	14.95	289	10500	14.73	-4.40	15.37	286	11500	29.23	-13.53	32.21	295
9525	14.09	-4.97	14.94	289	10525	14.61	-4.34	15.24	286	11525	29.55	-13.39	32.44	294
9550	14.16	-4.89	14.98	289	10550	14.44	-4.45	15.11	287	11550	29.84	-13.45	32.73	294
9575	14.34	-4.93	15.17	289	10575	14.37	-4.70	15.12	288	11575	29.84	-13.50	32.75	294
9600	14.33	-4.96	15.16	289	10600	14.24	-4.77	15.02	288	11600	29.61	-13.89	32.70	295
9625	14.17	-4.71	14.94	288	10625	14.16	-4.78	14.94	288	11625	29.76	-14.30	33.01	295
9650	14.13	-4.41	14.80	287	10650	14.26	-4.94	15.09	289	11650	30.34	-14.12	33.46	295
9675	14.19	-4.26	14.82	287	10675	14.16	-5.03	15.02	289	11675	30.75	-14.00	33.79	294
9700	14.16	-4.07	14.73	286	10700	13.88	-4.99	14.75	290	11700	30.95	-14.15	34.03	294
9725	14.21	-3.88	14.73	285	10725	13.82	-5.15	14.75	290	11725	30.80	-14.21	33.92	295
9750	14.29	-3.87	14.81	285	10750	13.90	-5.40	14.91	291	11750	30.57	-14.54	33.85	295
9775	14.23	-3.83	14.74	285	10775	13.85	-5.68	14.97	292	11775	30.48	-14.50	33.75	295
9800	14.27	-3.75	14.76	285	10800	13.64	-5.99	14.90	294	11800	30.06	-14.22	33.26	295
9825	14.47	-3.80	14.96	285	10825	13.44	-5.96	14.71	294	11825	29.79	-14.23	33.01	295
9850	14.61	-3.83	15.11	285	10850	13.57	-6.21	14.93	294	11850	29.80	-14.23	33.02	295
9875	14.53	-3.83	15.03	285	10875	13.84	-6.78	15.41	296	11875	29.84	-14.32	33.10	295
9900	14.57	-3.87	15.08	285	10900	14.24	-7.32	16.02	297	11900	30.02	-14.56	33.36	296
9925	14.80	-3.86	15.30	284	10925	14.99	-7.94	16.96	298	11925	29.92	-14.66	33.32	296
9950	15.02	-3.96	15.54	285	10950	15.88	-8.64	18.08	298	11950	29.31	-14.52	32.71	296
9975	15.51	-3.99	16.02	284	10975	16.82	-9.49	19.31	299	11975	29.35	-14.43	32.71	296
10000	16.25	-3.93	16.72	283	11000	17.47	-10.36	20.31	301	12000	29.87	-14.27	33.11	295
10025	17.09	-3.59	17.46	282	11025	18.09	-10.84	21.09	301	12025	30.08	-13.71	33.06	294
10050	17.55	-3.23	17.85	280	11050	19.10	-11.19	22.14	300	12050	30.25	-13.26	33.02	293
10075	17.41	-3.18	17.70	280	11075	20.47	-12.01	23.74	300	12075	30.31	-13.04	33.00	293
10100	18.57	-3.76	18.95	281	11100	21.90	-12.68	25.31	300	12100	30.55	-13.01	33.21	293
10125	18.08	-4.14	18.55	283	11125	22.92	-12.88	26.29	299	12125	30.83	-13.25	33.56	293
10150	16.32	-4.11	16.83	284	11150	23.42	-13.16	26.86	299	12150	30.83	-13.19	33.54	293
10175	16.40	-4.38	16.97	285	11175	23.88	-13.85	27.60	300	12175	30.55	-12.92	33.18	293

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-26 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-09 02/10/65, 2305Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	30.55	-12.83	33.13	293	13200	28.80	-21.14	35.73	306	14200	27.85	-17.24	32.75	302
12225	30.61	-12.76	33.16	292	13225	28.73	-21.09	35.64	306	14225	27.07	-17.34	32.14	302
12250	30.43	-12.92	33.06	293	13250	28.87	-20.91	35.65	306	14250	26.48	-17.00	31.46	303
12275	31.15	-13.12	33.80	293	13275	28.61	-20.74	35.34	306	14275	26.17	-16.61	31.00	302
12300	34.03	-14.26	36.89	293	13300	28.64	-20.56	35.26	305	14300	25.87	-16.67	30.78	303
12325	33.23	-14.23	36.15	293	13325	28.33	-20.47	34.95	306	14325	25.56	-16.62	30.49	303
12350	30.27	-13.26	33.04	293	13350	27.61	-20.39	34.32	306	14350	25.24	-16.09	29.93	302
12375	29.99	-13.14	32.74	293	13375	27.73	-20.29	34.36	306	14375	25.03	-15.82	29.61	302
12400	30.18	-13.41	33.02	294	13400	27.64	-19.97	34.10	306	14400	24.88	-15.28	29.20	301
12425	30.36	-13.92	33.40	294	13425	27.41	-19.70	33.76	306	14425	24.66	-14.59	28.66	300
12450	30.42	-13.98	33.47	294	13450	27.72	-19.91	34.13	306	14450	24.55	-14.18	28.35	300
12475	30.59	-14.25	33.74	295	13475	28.14	-19.73	34.37	305	14475	24.65	-13.38	28.04	298
12500	30.10	-14.27	33.31	295	13500	27.84	-19.26	33.85	304	14500	24.50	-12.49	27.50	297
12525	29.98	-14.05	33.11	295	13525	27.51	-19.11	33.50	305	14525	24.24	-11.93	27.01	296
12550	30.35	-13.99	33.42	295	13550	28.24	-19.01	34.04	304	14550	24.15	-11.57	26.78	295
12575	30.32	-14.14	33.46	295	13575	28.59	-18.60	34.11	303	14575	24.03	-11.25	26.53	295
12600	30.55	-14.76	33.92	296	13600	28.56	-18.61	34.08	303	14600	23.97	-11.00	26.37	294
12625	30.66	-14.98	34.12	296	13625	28.78	-18.64	34.29	303	14625	23.81	-11.13	26.28	295
12650	30.79	-15.09	34.28	296	13650	28.85	-18.99	34.54	303	14650	23.48	-10.65	25.78	294
12675	31.18	-15.72	34.92	297	13675	28.80	-19.61	34.84	304	14675	23.31	-9.96	25.35	293
12700	31.42	-16.05	35.28	297	13700	29.13	-19.85	35.25	304	14700	23.28	-9.71	25.22	292
12725	31.56	-16.48	35.60	297	13725	29.32	-19.76	35.36	304	14725	22.96	-9.37	24.80	292
12750	31.28	-16.88	35.54	298	13750	29.10	-19.59	35.08	304	14750	23.11	-8.15	24.51	289
12775	30.80	-16.92	35.14	299	13775	29.24	-20.06	35.46	304	14775	23.52	-7.65	24.73	288
12800	30.40	-16.86	34.76	299	13800	29.27	-20.50	35.73	305	14800	23.13	-7.55	24.33	288
12825	30.18	-17.06	34.67	299	13825	28.90	-19.98	35.13	304	14825	23.33	-7.39	24.47	287
12850	30.01	-17.48	34.73	300	13850	28.87	-19.81	35.01	304	14850	24.19	-7.34	25.28	287
12875	29.92	-17.79	34.81	301	13875	31.30	-21.53	37.99	304	14875	24.68	-6.92	25.63	285
12900	29.90	-18.48	35.15	302	13900	31.56	-21.29	38.07	304	14900	24.88	-6.38	25.68	284
12925	30.17	-19.01	35.66	302	13925	28.74	-19.26	34.60	304	14925	25.15	-6.41	25.95	284
12950	30.25	-19.45	35.96	303	13950	28.37	-18.97	34.13	304	14950	25.38	-7.01	26.33	285
12975	30.04	-19.76	35.96	303	13975	28.37	-18.79	34.03	303	14975	25.79	-6.82	26.67	285
13000	30.37	-19.81	36.26	303	14000	28.39	-18.51	33.89	303	15000	25.94	-6.45	26.73	284
13025	30.41	-20.19	36.51	303	14025	28.56	-17.96	33.74	302	15025	25.86	-6.97	26.79	285
13050	30.35	-20.47	36.61	304	14050	28.83	-17.50	33.73	301	15050	26.18	-6.25	26.91	283
13075	30.69	-20.38	36.84	303	14075	28.53	-17.75	33.60	302	15075	26.11	-5.96	26.78	283
13100	30.43	-21.04	36.99	304	14100	28.43	-17.57	33.42	302	15100	26.46	-6.63	27.28	284
13125	30.12	-21.19	36.83	305	14125	28.80	-17.70	33.81	301	15125	27.12	-6.87	27.98	284
13150	30.12	-20.90	36.67	305	14150	28.69	-17.50	33.61	301	15150	27.71	-7.17	28.62	284
13175	29.60	-21.15	36.38	305	14175	28.31	-16.94	32.99	301	15175	28.02	-7.69	29.06	285

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 870-09 02/10/65, 2305Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	27.86	-8.50	29.13	287	16200	23.93	-16.88	29.29	305	17200	6.23	-3.42	7.11	299
15225	27.66	-9.34	29.19	288	16225	22.65	-17.21	28.45	307	17225	5.62	-3.78	6.77	304
15250	27.35	-9.85	29.07	290	16250	21.03	-17.25	27.20	309	17250	4.67	-3.52	5.85	307
15275	26.72	-10.50	28.71	291	16275	20.10	-17.38	26.57	311	17275	3.75	-3.01	4.81	309
15300	26.65	-10.78	28.75	292	16300	18.55	-18.15	25.96	314	17300	2.95	-2.67	3.98	312
15325	27.10	-11.41	29.40	293	16325	17.49	-18.61	25.54	317	17325	3.17	-2.21	3.87	305
15350	26.97	-12.13	29.57	294	16350	16.38	-18.19	24.48	318	17350	3.66	-2.29	4.32	302
15375	26.63	-12.14	29.27	294	16375	16.02	-18.01	24.10	318	17375	4.57	-2.46	5.19	298
15400	26.71	-12.61	29.54	295	16400	14.92	-17.91	23.31	320	17400	5.52	-2.72	6.16	296
15425	26.57	-12.68	29.44	295	16425	14.12	-17.15	22.22	320	17425	6.10	-2.76	6.70	294
15450	26.29	-13.60	29.60	297	16450	13.72	-16.85	21.73	321	17450	6.50	-2.97	7.15	294
15475	26.51	-14.54	30.24	299	16475	13.12	-16.84	21.35	322	17475	7.30	-3.77	8.21	297
15500	26.66	-14.63	30.41	299	16500	12.59	-16.42	20.69	322	17500	7.81	-2.90	8.33	290
15525	26.73	-15.20	30.75	299	16525	12.01	-15.78	19.83	323					
15550	26.94	-15.56	31.11	300	16550	11.33	-15.41	19.12	323					
15575	26.40	-15.97	30.85	301	16575	10.86	-14.34	17.99	323					
15600	26.12	-15.59	30.42	301	16600	10.27	-13.26	16.77	322					
15625	26.05	-15.55	30.34	301	16625	9.73	-13.54	16.67	324					
15650	24.85	-15.66	29.38	302	16650	9.68	-13.31	16.46	324					
15675	23.74	-16.02	28.64	304	16675	9.64	-13.37	16.48	324					
15700	23.38	-16.26	28.47	305	16700	9.16	-13.71	16.48	326					
15725	23.18	-15.55	27.91	304	16725	8.78	-12.81	15.53	325					
15750	23.02	-15.27	27.62	303	16750	8.68	-11.71	14.58	323					
15775	22.57	-14.41	26.78	302	16775	8.36	-11.58	14.28	324					
15800	22.25	-13.25	25.90	301	16800	8.57	-12.13	14.85	325					
15825	22.30	-13.56	26.10	301	16825	8.80	-12.00	14.88	324					
15850	22.05	-13.49	25.85	301	16850	8.29	-10.69	13.53	322					
15875	21.49	-13.73	25.50	302	16875	7.77	-9.90	12.59	322					
15900	21.59	-13.44	25.43	302	16900	7.12	-10.03	12.30	324					
15925	22.11	-12.74	25.52	300	16925	6.43	-9.80	11.72	327					
15950	22.23	-12.75	25.62	300	16950	6.80	-9.39	11.59	324					
15975	22.23	-12.12	25.32	298	16975	7.06	-8.82	11.30	321					
16000	22.12	-11.50	24.93	297	17000	6.78	-7.95	10.45	319					
16025	22.43	-11.17	25.05	296	17025	6.49	-7.11	9.62	317					
16050	22.79	-11.95	25.73	297	17050	6.90	-6.53	9.50	313					
16075	23.41	-12.39	26.49	298	17075	6.86	-5.70	8.92	310					
16100	24.23	-13.25	27.62	298	17100	6.29	-4.61	7.80	306					
16125	24.68	-14.91	28.84	301	17125	6.30	-4.02	7.47	302					
16150	24.91	-15.93	29.56	302	17150	6.91	-4.14	8.05	301					
16175	24.74	-16.44	29.70	303	17175	6.89	-3.79	7.86	299					

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-27

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-10 02/11/65, 0035Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-7.77	7.18	10.58	133	1200	1.79	0.62	1.89	251	2200	-0.07	2.67	2.67	178
225	-7.42	7.14	10.30	134	1225	1.85	0.59	1.94	252	2225	0.34	2.85	2.87	187
250	-7.03	7.16	10.03	135	1250	2.10	0.41	2.14	259	2250	0.81	2.76	2.88	196
275	-6.91	7.17	9.96	136	1275	2.51	0.25	2.53	264	2275	1.06	2.80	2.99	201
300	-6.90	7.29	10.03	136	1300	2.72	0.27	2.73	264	2300	1.14	2.82	3.04	202
325	-6.97	7.36	10.14	136	1325	2.75	0.19	2.75	266	2325	1.12	2.76	2.98	202
350	-6.97	7.46	10.21	137	1350	2.76	0.04	2.76	269	2350	1.01	2.77	2.95	200
375	-7.06	7.59	10.37	137	1375	2.58	0.06	2.58	269	2375	1.04	2.52	2.73	202
400	-7.21	7.66	10.52	137	1400	2.26	0.06	2.26	268	2400	0.98	1.96	2.19	206
425	-7.19	7.83	10.63	137	1425	1.96	0.06	1.96	268	2425	0.73	1.46	1.64	206
450	-7.12	8.09	10.77	138	1450	1.64	0.10	1.64	266	2450	0.37	1.27	1.32	196
475	-6.94	8.19	10.74	140	1475	1.31	0.07	1.31	267	2475	-0.17	1.23	1.24	172
500	-6.62	8.13	10.49	141	1500	1.01	0.23	1.03	257	2500	-0.60	1.19	1.33	153
525	-6.25	8.05	10.19	142	1525	0.55	0.44	0.70	231	2525	-0.72	1.12	1.33	147
550	-6.00	8.05	10.04	143	1550	-0.06	0.61	0.62	174	2550	-0.74	1.22	1.43	148
575	-5.87	7.92	9.86	143	1575	-0.55	0.82	0.99	146	2575	-0.75	1.35	1.55	151
600	-5.89	7.48	9.51	142	1600	-0.96	1.06	1.43	138	2600	-0.78	1.44	1.64	151
625	-5.62	6.96	8.95	141	1625	-1.25	1.26	1.78	135	2625	-0.60	1.47	1.59	158
650	-5.34	6.52	8.43	140	1650	-1.28	1.41	1.91	138	2650	-0.15	1.21	1.22	173
675	-5.22	6.08	8.01	139	1675	-1.13	1.60	1.95	145	2675	0.35	0.89	0.96	202
700	-4.91	5.79	7.58	140	1700	-0.69	1.82	1.94	159	2700	0.88	0.61	1.07	235
725	-4.59	5.44	7.12	140	1725	-0.27	2.04	2.05	172	2725	1.19	0.24	1.22	258
750	-4.14	5.15	6.60	141	1750	-0.45	2.10	2.15	168	2750	1.35	-0.28	1.38	282
775	-3.60	4.96	6.13	144	1775	-0.92	2.10	2.29	156	2775	1.60	-0.66	1.73	292
800	-3.20	4.72	5.71	146	1800	-1.35	2.23	2.60	149	2800	1.82	-0.50	1.89	285
825	-3.00	4.45	5.37	146	1825	-1.71	2.46	2.99	145	2825	1.89	0.04	1.89	269
850	-2.80	4.01	4.89	145	1850	-1.80	2.59	3.15	145	2850	1.87	0.48	1.93	255
875	-2.43	3.42	4.20	144	1875	-1.61	2.60	3.05	148	2875	1.91	0.94	2.13	244
900	-2.00	2.79	3.43	144	1900	-1.23	2.52	2.80	154	2900	1.95	1.33	2.36	236
925	-1.57	2.25	2.74	145	1925	-0.72	2.49	2.59	164	2925	1.82	1.38	2.28	233
950	-1.28	1.85	2.25	145	1950	-0.12	2.43	2.44	177	2950	1.70	1.42	2.21	230
975	-1.06	1.04	1.48	134	1975	0.36	2.22	2.25	189	2975	1.67	1.77	2.43	223
1000	-0.59	0.18	0.62	107	2000	0.64	2.09	2.19	197	3000	1.51	2.42	2.85	212
1025	0.02	0.04	0.04	209	2025	0.77	2.04	2.18	200	3025	1.17	3.28	3.49	199
1050	0.34	0.06	0.37	260	2050	0.77	1.97	2.11	201	3050	0.85	3.99	4.08	192
1075	0.62	0.15	0.63	256	2075	0.63	1.99	2.09	197	3075	0.70	4.12	4.18	189
1100	0.87	0.30	0.92	251	2100	0.53	2.07	2.14	194	3100	0.79	3.69	3.77	192
1125	1.16	0.34	1.21	253	2125	0.47	2.23	2.28	192	3125	1.02	3.13	3.29	198
1150	1.43	0.46	1.50	252	2150	0.29	2.35	2.37	187	3150	1.26	2.78	3.06	204
1175	1.64	0.59	1.75	250	2175	-0.06	2.38	2.38	178	3175	1.39	2.88	3.20	206

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-10 02/11/65, 0035Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	1.39	3.16	3.45	203	4200	1.10	5.21	5.32	192	5200	-0.22	3.47	3.47	176
3225	1.31	3.14	3.40	202	4225	0.88	5.23	5.31	189	5225	-0.08	3.20	3.20	178
3250	1.59	2.95	3.35	208	4250	0.84	5.62	5.68	188	5250	-0.09	2.94	2.94	178
3275	2.14	2.83	3.55	217	4275	0.77	5.52	5.57	188	5275	-0.15	2.60	2.60	177
3300	2.31	2.91	3.72	218	4300	0.70	5.20	5.25	187	5300	-0.09	2.16	2.17	177
3325	2.29	2.95	3.73	218	4325	0.76	5.01	5.07	188	5325	0.17	1.68	1.68	185
3350	2.37	2.84	3.69	220	4350	0.94	4.91	5.00	191	5350	0.46	1.24	1.33	200
3375	2.53	2.67	3.68	223	4375	0.93	4.96	5.05	190	5375	0.89	0.97	1.31	223
3400	2.63	2.50	3.63	226	4400	0.79	5.08	5.14	189	5400	1.34	0.75	1.53	240
3425	2.63	2.45	3.59	227	4425	0.80	5.18	5.24	189	5425	1.66	0.50	1.74	253
3450	2.62	2.50	3.62	226	4450	1.01	5.17	5.27	191	5450	1.93	0.35	1.96	260
3475	2.64	2.65	3.74	225	4475	1.16	5.16	5.29	193	5475	2.01	0.21	2.02	264
3500	2.68	2.91	3.96	223	4500	1.17	5.36	5.48	192	5500	2.06	0.04	2.06	269
3525	2.83	3.11	4.20	222	4525	1.19	5.49	5.62	192	5525	2.18	-0.16	2.18	274
3550	2.87	3.19	4.29	222	4550	1.17	5.58	5.70	192	5550	2.40	-0.53	2.46	282
3575	2.85	3.19	4.28	222	4575	1.12	5.87	5.97	191	5575	2.78	-0.72	2.87	284
3600	2.97	3.14	4.32	223	4600	1.02	6.19	6.28	189	5600	3.04	-0.67	3.11	282
3625	2.98	3.15	4.33	223	4625	0.76	6.30	6.35	187	5625	3.08	-0.56	3.13	280
3650	2.95	3.17	4.33	223	4650	0.30	5.95	5.96	183	5650	3.12	-0.37	3.14	277
3675	2.94	3.20	4.34	222	4675	-0.09	5.46	5.46	179	5675	3.36	-0.22	3.36	274
3700	2.92	3.32	4.42	221	4700	-0.10	5.29	5.29	179	5700	3.56	-0.28	3.57	274
3725	2.84	3.53	4.53	219	4725	0.28	5.19	5.20	183	5725	3.73	-0.23	3.73	273
3750	2.67	3.73	4.59	215	4750	0.72	4.98	5.03	188	5750	3.98	-0.15	3.98	272
3775	2.61	3.92	4.71	213	4775	0.97	4.81	4.91	191	5775	4.11	-0.29	4.12	274
3800	2.69	3.98	4.80	214	4800	0.98	4.76	4.86	191	5800	4.44	-0.15	4.44	272
3825	2.72	3.87	4.73	215	4825	0.95	4.71	4.80	191	5825	4.79	0.09	4.79	269
3850	2.65	3.87	4.69	214	4850	0.94	4.56	4.65	191	5850	4.94	0.24	4.94	267
3875	2.56	4.02	4.77	212	4875	0.92	4.46	4.56	191	5875	5.15	0.42	5.17	265
3900	2.61	4.21	4.95	212	4900	0.94	4.28	4.39	192	5900	5.78	0.67	5.82	263
3925	2.67	4.33	5.09	211	4925	0.90	4.05	4.15	192	5925	6.35	1.15	6.45	260
3950	2.56	4.45	5.13	210	4950	0.94	3.93	4.04	193	5950	6.21	1.77	6.46	254
3975	2.47	4.60	5.23	208	4975	0.78	3.91	3.99	191	5975	5.95	2.19	6.34	250
4000	2.39	4.66	5.24	207	5000	0.30	4.04	4.05	184	6000	5.80	2.31	6.24	248
4025	2.25	4.70	5.21	205	5025	-0.14	4.06	4.06	178	6025	5.82	2.35	6.28	248
4050	2.15	4.69	5.16	204	5050	-0.33	3.94	3.95	175	6050	5.80	2.22	6.21	249
4075	2.03	4.61	5.04	204	5075	-0.36	3.73	3.75	174	6075	5.70	2.24	6.12	248
4100	1.88	4.70	5.06	202	5100	-0.37	3.41	3.43	174	6100	5.66	2.32	6.12	248
4125	1.63	4.82	5.09	199	5125	-0.36	3.25	3.27	173	6125	5.47	2.17	5.88	248
4150	1.34	4.91	5.09	195	5150	-0.40	3.30	3.32	173	6150	5.26	2.17	5.69	247
4175	1.28	5.24	5.40	194	5175	-0.39	3.46	3.48	173	6175	5.20	2.11	5.61	248

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TABLE II-27 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-10 02/11/65, 0035Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	5.21	1.96	5.57	249	7200	8.64	3.31	9.25	249	8200	11.02	1.59	11.14	262
6225	5.24	1.84	5.56	250	7225	8.93	3.45	9.58	249	8225	10.94	1.32	11.02	263
6250	5.24	1.78	5.54	251	7250	9.36	3.53	10.00	249	8250	11.05	0.92	11.09	265
6275	5.38	1.69	5.64	252	7275	9.79	3.35	10.35	251	8275	11.31	0.62	11.33	267
6300	5.56	1.43	5.74	255	7300	10.18	3.11	10.65	253	8300	11.40	0.58	11.41	267
6325	5.62	1.33	5.78	257	7325	10.34	2.83	10.72	254	8325	11.35	0.56	11.36	267
6350	5.65	1.30	5.80	257	7350	10.57	2.76	10.92	255	8350	11.48	0.29	11.48	268
6375	5.66	1.22	5.79	258	7375	10.85	2.81	11.21	255	8375	11.87	0.05	11.87	270
6400	5.70	1.19	5.83	258	7400	10.96	2.82	11.31	255	8400	12.07	-0.02	12.07	270
6425	6.02	1.28	6.16	258	7425	10.88	2.86	11.25	255	8425	12.06	-0.05	12.06	270
6450	6.52	1.41	6.67	258	7450	10.59	2.75	10.94	255	8450	12.27	-0.24	12.28	271
6475	6.94	1.49	7.10	258	7475	10.36	2.66	10.70	255	8475	12.49	-0.62	12.51	273
6500	7.22	1.57	7.39	258	7500	10.31	2.75	10.67	255	8500	12.40	-0.88	12.43	274
6525	7.20	1.67	7.39	257	7525	10.27	2.78	10.64	255	8525	12.37	-0.85	12.40	274
6550	7.10	1.77	7.31	256	7550	10.19	2.66	10.53	255	8550	12.45	-0.92	12.48	274
6575	6.98	2.01	7.27	254	7575	10.09	2.45	10.38	256	8575	12.50	-1.10	12.54	275
6600	6.82	2.34	7.21	251	7600	10.18	2.13	10.40	258	8600	12.63	-1.30	12.70	276
6625	6.78	2.62	7.27	249	7625	10.27	2.06	10.48	258	8625	12.75	-1.65	12.85	277
6650	6.91	2.71	7.42	248	7650	10.28	2.21	10.52	258	8650	12.89	-1.87	13.02	278
6675	7.06	2.71	7.56	249	7675	10.33	2.26	10.57	257	8675	12.88	-2.12	13.06	279
6700	7.27	2.82	7.80	249	7700	10.38	2.27	10.62	257	8700	12.69	-2.15	12.87	279
6725	7.36	3.01	7.96	248	7725	10.24	2.22	10.48	258	8725	12.51	-1.83	12.64	278
6750	7.46	3.42	8.21	245	7750	10.12	1.99	10.32	259	8750	12.44	-1.67	12.55	277
6775	7.93	3.68	8.74	245	7775	10.23	1.82	10.39	260	8775	12.66	-1.79	12.78	278
6800	8.60	3.69	9.36	247	7800	10.34	1.82	10.50	260	8800	12.86	-1.80	12.99	278
6825	9.16	3.64	9.86	248	7825	10.42	1.89	10.59	260	8825	13.07	-1.75	13.19	277
6850	9.34	3.58	10.00	249	7850	10.43	2.01	10.62	259	8850	13.54	-1.95	13.68	278
6875	9.15	3.81	9.91	247	7875	10.38	2.28	10.63	257	8875	13.71	-2.33	13.90	279
6900	9.01	3.91	9.82	246	7900	10.44	2.45	10.72	257	8900	13.56	-2.53	13.80	280
6925	9.04	3.75	9.78	247	7925	10.55	2.44	10.83	257	8925	13.49	-2.75	13.76	281
6950	9.06	3.67	9.77	248	7950	10.66	2.35	10.91	257	8950	13.29	-3.11	13.65	283
6975	9.16	3.51	9.81	249	7975	10.99	2.29	11.22	258	8975	13.05	-3.28	13.46	284
7000	9.35	3.29	9.91	250	8000	11.24	2.37	11.49	258	9000	12.85	-3.66	13.36	286
7025	9.49	3.19	10.01	251	8025	11.41	2.52	11.69	257	9025	12.78	-4.10	13.42	288
7050	9.45	3.25	10.00	251	8050	11.65	2.79	11.98	256	9050	12.99	-4.33	13.70	288
7075	9.20	3.29	9.77	250	8075	11.61	2.82	11.94	256	9075	13.19	-4.55	13.96	289
7100	8.91	3.36	9.52	249	8100	11.37	2.70	11.69	256	9100	13.26	-4.90	14.14	290
7125	8.68	3.40	9.32	248	8125	11.09	2.51	11.37	257	9125	13.39	-5.19	14.36	291
7150	8.60	3.30	9.22	249	8150	10.86	2.17	11.07	258	9150	13.51	-5.45	14.57	292
7175	8.59	3.27	9.19	249	8175	10.92	1.84	11.07	260	9175	13.44	-5.77	14.63	293

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-10 02/11/65, 0035Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	13.56	-5.94	14.80	293	10200	14.08	-4.49	14.78	288	11200	26.17	-15.50	30.42	300
9225	13.73	-6.03	14.99	294	10225	13.97	-4.10	14.56	286	11225	26.87	-15.84	31.20	300
9250	13.76	-6.22	15.10	294	10250	13.86	-3.71	14.35	285	11250	27.19	-15.93	31.51	300
9275	13.75	-6.35	15.15	295	10275	13.66	-3.60	14.13	285	11275	27.37	-15.76	31.58	300
9300	13.61	-6.58	15.12	296	10300	13.53	-3.68	14.03	285	11300	27.53	-15.72	31.70	300
9325	13.49	-6.83	15.12	297	10325	13.59	-3.58	14.05	285	11325	27.72	-15.53	31.77	299
9350	13.46	-6.87	15.11	297	10350	13.42	-3.60	13.89	285	11350	28.06	-15.39	32.00	299
9375	13.54	-6.87	15.18	297	10375	13.32	-3.60	13.80	285	11375	28.29	-15.37	32.20	298
9400	13.63	-6.76	15.22	296	10400	13.35	-3.43	13.79	284	11400	28.70	-15.18	32.46	298
9425	13.52	-6.77	15.12	296	10425	13.09	-3.30	13.50	284	11425	29.17	-14.81	32.71	297
9450	13.32	-6.84	14.97	297	10450	12.68	-3.29	13.10	284	11450	29.44	-14.57	32.84	296
9475	13.24	-6.78	14.87	297	10475	12.52	-3.37	12.97	285	11475	29.55	-14.73	33.01	296
9500	13.28	-6.81	14.93	297	10500	12.51	-3.40	12.96	285	11500	29.95	-15.00	33.50	296
9525	13.32	-6.84	14.98	297	10525	12.38	-3.28	12.81	285	11525	30.29	-15.04	33.82	296
9550	13.30	-6.76	14.92	297	10550	12.04	-2.88	12.38	283	11550	30.49	-15.07	34.01	296
9575	13.24	-6.75	14.86	297	10575	11.67	-2.71	11.98	283	11575	31.06	-15.35	34.65	296
9600	13.30	-6.78	14.93	297	10600	11.64	-2.99	12.02	284	11600	31.31	-15.37	34.88	296
9625	13.23	-6.71	14.84	297	10625	11.66	-3.36	12.13	286	11625	31.12	-15.45	34.75	296
9650	13.17	-6.51	14.69	296	10650	11.70	-3.92	12.34	288	11650	31.05	-15.70	34.80	297
9675	13.41	-6.20	14.78	295	10675	12.08	-4.36	12.84	290	11675	31.14	-15.59	34.82	296
9700	13.58	-5.87	14.79	293	10700	12.56	-4.45	13.33	289	11700	31.08	-15.36	34.67	296
9725	13.71	-5.61	14.82	292	10725	13.00	-4.92	13.90	291	11725	30.93	-15.24	34.48	296
9750	14.07	-5.38	15.06	291	10750	13.18	-5.67	14.35	293	11750	30.85	-15.27	34.42	296
9775	14.31	-5.08	15.18	289	10775	13.55	-6.25	14.92	295	11775	30.74	-15.25	34.32	296
9800	14.39	-4.91	15.20	289	10800	13.98	-6.87	15.58	296	11800	30.58	-15.08	34.09	296
9825	14.42	-4.82	15.20	288	10825	14.01	-7.39	15.84	298	11825	30.60	-15.14	34.14	296
9850	14.34	-4.64	15.07	288	10850	14.14	-7.86	16.18	299	11850	31.00	-15.26	34.56	296
9875	14.38	-4.59	15.09	288	10875	14.53	-8.43	16.80	300	11875	31.27	-15.01	34.68	295
9900	14.67	-4.56	15.36	287	10900	14.94	-8.90	17.40	301	11900	31.39	-14.70	34.67	295
9925	14.86	-4.35	15.48	286	10925	15.66	-9.79	18.47	302	11925	31.53	-14.51	34.71	295
9950	15.13	-4.08	15.67	285	10950	16.60	-10.88	19.85	303	11950	31.38	-14.13	34.42	294
9975	15.43	-4.18	15.98	285	10975	17.93	-11.65	21.38	303	11975	31.29	-13.75	34.18	294
10000	15.55	-4.71	16.25	287	11000	19.29	-12.23	22.84	302	12000	31.35	-13.81	34.25	294
10025	15.63	-5.11	16.44	288	11025	20.39	-12.81	24.08	302	12025	31.43	-13.58	34.24	293
10050	15.42	-5.12	16.25	288	11050	21.36	-13.25	25.13	302	12050	31.55	-13.17	34.19	292
10075	15.24	-4.94	16.02	288	11075	22.21	-13.61	26.05	301	12075	31.55	-12.84	34.06	292
10100	15.09	-4.82	15.84	288	11100	22.94	-14.05	26.90	301	12100	31.66	-12.53	34.05	291
10125	14.82	-4.66	15.53	287	11125	23.49	-14.49	27.60	302	12125	31.66	-12.35	33.99	291
10150	14.54	-4.62	15.25	287	11150	23.99	-14.79	28.18	301	12150	31.38	-12.18	33.66	291
10175	14.23	-4.72	15.00	288	11175	24.99	-15.14	29.21	301	12175	31.33	-12.09	33.58	291

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TABLE II-27 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-10 02/11/65, 0035Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	31.24	-12.26	33.56	291	13200	27.37	-19.17	33.42	305	14200	28.29	-19.04	34.10	304
12225	31.24	-12.80	33.76	292	13225	27.02	-19.26	33.18	305	14225	28.00	-18.96	33.81	304
12250	31.40	-13.10	34.03	292	13250	27.07	-19.67	33.47	306	14250	27.75	-19.57	33.95	305
12275	31.39	-13.16	34.04	293	13275	27.39	-19.67	33.72	306	14275	27.51	-19.51	33.73	305
12300	31.46	-13.46	34.22	293	13300	27.49	-19.71	33.83	305	14300	27.51	-19.23	33.57	305
12325	31.44	-13.77	34.32	293	13325	27.53	-19.67	33.83	305	14325	27.29	-19.23	33.39	305
12350	31.21	-13.81	34.13	294	13350	27.76	-19.59	33.98	305	14350	27.05	-19.16	33.15	305
12375	31.05	-13.72	33.95	294	13375	27.91	-19.93	34.29	305	14375	26.73	-18.86	32.72	305
12400	30.65	-13.61	33.54	294	13400	28.16	-20.09	34.60	305	14400	26.46	-18.52	32.30	305
12425	30.57	-13.54	33.43	294	13425	28.41	-20.07	34.79	305	14425	26.42	-18.35	32.17	305
12450	30.92	-13.60	33.78	294	13450	28.44	-20.24	34.91	305	14450	26.57	-18.13	32.16	304
12475	31.12	-13.59	33.96	293	13475	28.54	-20.55	35.17	306	14475	26.30	-17.70	31.70	304
12500	31.48	-13.84	34.38	294	13500	28.59	-20.68	35.28	306	14500	25.91	-17.54	31.29	304
12525	31.96	-14.41	35.06	294	13525	28.48	-20.54	35.11	306	14525	26.06	-17.48	31.37	304
12550	32.26	-14.93	35.55	295	13550	28.27	-20.74	35.06	306	14550	26.25	-17.12	31.34	303
12575	32.18	-15.31	35.64	295	13575	28.28	-20.56	34.96	306	14575	26.36	-16.76	31.24	302
12600	31.85	-15.54	35.44	296	13600	28.35	-20.29	34.86	305	14600	26.07	-16.30	30.75	302
12625	31.57	-15.72	35.26	296	13625	28.14	-20.26	34.67	306	14625	25.47	-16.12	30.14	302
12650	31.40	-15.84	35.17	297	13650	27.91	-20.15	34.43	306	14650	25.26	-15.75	29.77	302
12675	31.21	-16.08	35.11	297	13675	27.78	-19.97	34.21	306	14675	24.85	-15.12	29.09	301
12700	30.90	-16.27	34.92	298	13700	27.28	-19.55	33.56	305	14700	24.30	-15.14	28.63	302
12725	30.54	-16.79	34.85	299	13725	26.89	-19.12	33.00	305	14725	24.19	-14.82	28.37	301
12750	30.61	-17.28	35.15	299	13750	26.75	-18.81	32.70	305	14750	24.40	-14.31	28.29	300
12775	30.56	-17.40	35.17	299	13775	26.47	-18.26	32.16	304	14775	24.57	-13.97	28.26	299
12800	29.99	-17.35	34.65	300	13800	26.11	-17.61	31.50	304	14800	24.53	-14.13	28.31	300
12825	29.57	-17.51	34.37	300	13825	25.99	-17.33	31.24	304	14825	24.56	-14.04	28.30	300
12850	29.75	-17.92	34.73	301	13850	26.41	-17.34	31.59	303	14850	24.40	-13.05	27.67	298
12875	29.98	-18.43	35.19	301	13875	26.97	-17.49	32.14	303	14875	24.03	-12.91	27.28	298
12900	30.07	-18.90	35.52	302	13900	27.45	-17.70	32.67	303	14900	24.34	-12.74	27.48	297
12925	30.12	-19.06	35.64	302	13925	27.65	-17.96	32.97	303	14925	24.63	-11.93	27.36	296
12950	30.21	-19.31	35.85	302	13950	27.44	-18.12	32.88	303	14950	24.17	-11.08	26.59	294
12975	30.07	-19.20	35.68	302	13975	27.38	-17.93	32.73	303	14975	24.34	-9.85	26.25	292
13000	29.59	-19.11	35.23	303	14000	27.67	-17.72	32.86	302	15000	24.69	-9.56	26.48	291
13025	29.62	-19.35	35.38	303	14025	28.07	-17.88	33.28	302	15025	24.53	-9.26	26.22	290
13050	30.09	-19.83	36.04	303	14050	28.27	-18.04	33.54	302	15050	24.65	-9.09	26.27	290
13075	30.05	-19.92	36.06	303	14075	28.19	-18.05	33.48	302	15075	24.59	-9.00	26.19	290
13100	29.49	-19.65	35.43	303	14100	28.12	-18.43	33.62	303	15100	24.79	-8.57	26.23	289
13125	28.56	-19.84	34.77	305	14125	28.17	-18.57	33.74	303	15125	24.96	-8.41	26.34	288
13150	28.06	-19.81	34.35	305	14150	28.37	-18.62	33.94	303	15150	24.97	-8.33	26.33	288
13175	27.77	-19.49	33.92	305	14175	28.61	-19.24	34.47	304	15175	24.98	-8.12	26.26	288

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 870-10 02/11/65, 0035Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	25.24	-7.81	26.42	287										
15225	25.65	-8.17	26.92	287										
15250	25.57	-9.24	27.19	290										
15275	25.40	-9.53	27.13	290										
15300	25.16	-9.85	27.02	291										
15325	24.95	-10.48	27.07	293										
15350	24.95	-10.75	27.16	293										
15375	25.02	-11.56	27.56	295										
15400	24.56	-11.94	27.31	296										
15425	24.59	-11.90	27.32	296										
15450	25.33	-12.20	28.11	296										
15475	25.38	-12.70	28.38	296										
15500	25.45	-13.36	28.74	298										
15525	25.64	-13.93	29.18	298										
15550	25.90	-14.37	29.61	299										
15575	25.99	-14.42	29.72	299										
15600	25.83	-13.95	29.36	298										
15625	25.48	-14.06	29.11	299										
15650	24.50	-14.98	28.72	301										
15675	24.33	-15.06	28.61	302										
15700	24.29	-15.16	28.64	302										
15725	23.28	-15.23	27.82	303										
15750	22.48	-14.99	27.01	304										
15775	21.88	-14.85	26.44	304										
15800	21.63	-14.60	26.10	304										
15825	20.95	-14.31	25.37	304										
15850	20.22	-13.42	24.27	303										
15875	19.84	-13.70	24.11	304										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-28

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 0982 02/12/65, 1633Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
425	-7.49	4.34	8.66	120	1425	1.24	1.55	1.99	219	2425	1.69	1.72	2.41	224
450	-7.04	4.35	8.27	121	1450	1.47	1.75	2.29	220	2450	1.56	2.28	2.76	214
475	-6.39	4.34	7.72	124	1475	1.57	1.86	2.43	220	2475	1.38	2.65	2.99	207
500	-5.56	4.28	7.02	127	1500	1.73	1.78	2.48	224	2500	1.11	2.82	3.03	201
525	-4.72	4.30	6.39	132	1525	2.11	1.61	2.65	232	2525	0.84	3.10	3.21	195
550	-4.12	4.39	6.02	137	1550	2.42	1.55	2.87	237	2550	0.77	3.43	3.51	193
575	-3.66	4.40	5.72	140	1575	2.51	1.62	2.99	237	2575	0.70	3.77	3.83	190
600	-3.33	4.54	5.64	144	1600	2.59	1.68	3.09	237	2600	0.57	3.99	4.03	188
625	-3.07	4.95	5.82	148	1625	2.62	1.57	3.05	239	2625	0.47	4.07	4.10	186
650	-2.98	5.21	6.00	150	1650	2.66	1.53	3.06	240	2650	0.36	4.34	4.36	185
675	-2.87	5.44	6.15	152	1675	2.93	1.41	3.25	244	2675	0.01	4.41	4.41	180
700	-2.83	5.54	6.22	153	1700	2.88	0.92	3.02	252	2700	-0.22	4.28	4.29	177
725	-2.87	5.64	6.33	153	1725	2.74	0.06	2.74	269	2725	-0.74	4.35	4.35	177
750	-3.00	5.82	6.55	153	1750	2.73	-0.68	2.81	284	2750	-0.30	4.49	4.50	176
775	-3.22	5.94	6.75	151	1775	2.52	-1.32	2.84	297	2775	-0.29	4.24	4.25	176
800	-3.38	5.93	6.83	150	1800	2.16	-1.38	2.56	302	2800	-0.04	4.26	4.26	179
825	-3.60	5.76	6.79	148	1825	1.84	-1.04	2.11	299	2825	0.06	4.61	4.61	181
850	-4.07	5.86	7.14	145	1850	1.47	-1.22	1.91	310	2850	0.11	4.77	4.77	181
875	-4.17	5.43	6.85	142	1875	1.17	-1.55	1.94	323	2875	0.19	4.96	4.97	182
900	-4.18	4.69	6.29	138	1900	1.05	-1.94	2.21	331	2900	0.09	4.98	4.98	181
925	-4.25	4.07	5.89	134	1925	0.87	-2.23	2.40	338	2925	0.08	5.05	5.05	181
950	-4.57	3.87	5.98	130	1950	0.73	-1.80	1.95	338	2950	0.09	5.16	5.16	181
975	-4.93	3.74	6.19	127	1975	0.81	-1.58	1.78	333	2975	0.11	5.50	5.50	181
1000	-4.50	3.05	5.44	124	2000	1.04	-1.25	1.63	320	3000	0.11	5.63	5.64	181
1025	-4.36	2.53	5.04	120	2025	1.05	-0.73	1.28	305	3025	0.32	5.71	5.72	183
1050	-4.64	2.25	5.16	116	2050	0.79	-0.74	1.09	313	3050	0.52	5.51	5.53	185
1075	-4.80	2.02	5.21	113	2075	0.71	-1.14	1.34	328	3075	0.61	4.87	4.91	187
1100	-4.82	1.61	5.08	108	2100	0.70	-1.54	1.69	335	3100	0.69	4.54	4.59	188
1125	-5.11	1.09	5.23	102	2125	0.46	-1.84	1.90	346	3125	0.69	4.34	4.39	189
1150	-5.24	0.48	5.26	95	2150	0.34	-2.00	2.03	350	3150	0.61	3.95	3.99	189
1175	-4.87	0.13	4.87	91	2175	0.22	-1.90	1.91	353	3175	0.55	3.47	3.52	189
1200	-5.10	-0.19	5.11	88	2200	0.12	-1.64	1.64	356	3200	0.59	3.17	3.22	190
1225	-4.90	-0.83	4.97	80	2225	0.35	-1.26	1.31	344	3225	0.56	2.74	2.79	191
1250	-4.47	-1.51	4.72	71	2250	0.54	-0.79	0.95	326	3250	0.48	2.30	2.35	191
1275	-4.66	-2.06	5.09	66	2275	0.61	-0.27	0.67	294	3275	0.46	1.88	1.93	194
1300	-5.07	-2.68	5.74	62	2300	0.80	0.36	0.88	246	3300	0.51	1.52	1.60	198
1325	-4.06	-2.49	4.76	58	2325	0.96	0.78	1.23	231	3325	0.37	1.33	1.38	195
1350	-1.19	-0.51	1.29	66	2350	1.32	1.05	1.69	231	3350	0.22	1.03	1.05	192
1375	0.64	0.94	1.13	214	2375	1.62	1.10	1.96	235	3375	0.33	0.90	0.96	200
1400	1.14	1.33	1.75	220	2400	1.74	1.29	2.17	233	3400	0.59	1.08	1.23	208

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 0982 02/12/65, 1633Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3425	0.94	1.17	1.50	218	4425	0.52	3.78	3.82	188	5425	6.91	8.79	11.18	218
3450	1.24	1.06	1.63	229	4450	0.43	3.58	3.61	187	5450	6.94	9.61	11.86	216
3475	1.35	0.95	1.65	235	4475	0.42	3.61	3.63	186	5475	6.81	10.32	12.36	213
3500	1.46	0.91	1.72	238	4500	0.42	3.63	3.66	186	5500	6.30	10.48	12.23	211
3525	1.68	0.80	1.85	244	4525	0.32	3.71	3.72	185	5525	6.10	10.88	12.47	209
3550	1.79	0.59	1.89	252	4550	0.19	3.73	3.74	183	5550	5.93	11.34	12.79	207
3575	1.67	0.40	1.72	256	4575	0.10	3.71	3.71	181	5575	5.89	11.71	13.10	207
3600	1.61	0.17	1.62	264	4600	0.01	4.02	4.02	180	5600	5.88	12.26	13.60	205
3625	1.66	-0.06	1.66	272	4625	0.08	4.09	4.09	181	5625	5.72	12.65	13.88	204
3650	1.61	-0.39	1.65	283	4650	0.28	3.71	3.72	184	5650	5.28	12.89	13.93	202
3675	1.47	-0.67	1.62	294	4675	0.53	3.65	3.69	188	5675	4.86	13.18	14.04	200
3700	1.54	-0.80	1.73	297	4700	0.72	3.93	4.00	190	5700	4.68	14.03	14.79	198
3725	1.40	-0.79	1.60	299	4725	0.94	4.35	4.45	192	5725	4.45	14.02	14.71	197
3750	1.32	-0.53	1.42	292	4750	1.20	4.48	4.64	195	5750	4.26	13.25	13.92	198
3775	1.17	0.01	1.17	270	4775	1.30	4.54	4.72	196	5775	4.42	13.10	13.82	198
3800	0.81	0.52	0.96	237	4800	1.42	4.88	5.08	196	5800	4.76	12.99	13.83	200
3825	0.60	0.94	1.12	212	4825	1.41	4.68	4.89	197	5825	5.07	12.64	13.61	202
3850	0.30	1.19	1.22	194	4850	1.33	4.35	4.55	197	5850	5.19	12.25	13.31	203
3875	-0.30	1.39	1.42	168	4875	1.43	4.31	4.54	198	5875	5.39	12.45	13.56	203
3900	-0.70	1.84	1.97	159	4900	1.55	4.36	4.62	199	5900	5.16	12.31	13.35	203
3925	-0.59	2.24	2.32	165	4925	1.85	4.51	4.87	202	5925	5.04	12.00	13.01	203
3950	-0.48	2.65	2.69	170	4950	2.26	4.63	5.15	206	5950	5.20	12.08	13.15	203
3975	-0.37	3.05	3.07	173	4975	2.60	4.82	5.47	208	5975	5.10	12.00	13.03	203
4000	-0.26	3.45	3.46	176	5000	3.28	5.18	6.13	212	6000	5.15	12.04	13.10	203
4025	-0.05	4.14	4.14	179	5025	3.91	5.26	6.55	216	6025	5.18	12.24	13.29	203
4050	0.26	4.50	4.51	183	5050	4.43	4.97	6.66	222	6050	5.11	12.24	13.27	202
4075	1.04	4.67	4.78	192	5075	4.92	4.80	6.88	226	6075	4.96	12.27	13.23	202
4100	1.48	4.65	4.88	197	5100	5.33	4.85	7.21	228	6100	5.11	12.57	13.57	202
4125	1.58	4.37	4.64	200	5125	5.66	4.88	7.47	229	6125	5.63	12.36	13.58	204
4150	1.54	4.04	4.32	201	5150	5.85	4.72	7.51	231	6150	5.96	11.67	13.10	207
4175	1.22	4.02	4.20	197	5175	6.09	4.68	7.69	232	6175	6.14	11.24	12.81	208
4200	1.04	3.92	4.06	195	5200	6.39	4.98	8.10	232	6200	6.30	10.75	12.46	210
4225	1.10	3.87	4.03	196	5225	6.45	5.12	8.23	231	6225	6.57	10.29	12.21	212
4250	1.12	3.98	4.14	196	5250	6.39	5.23	8.26	230	6250	6.74	10.14	12.17	213
4275	0.81	4.03	4.11	191	5275	6.47	5.50	8.49	229	6275	6.62	9.80	11.83	214
4300	0.56	3.96	4.00	188	5300	6.51	5.65	8.62	229	6300	6.72	9.67	11.78	215
4325	0.64	3.96	4.01	189	5325	7.02	6.39	9.49	227	6325	6.99	9.67	11.93	216
4350	0.61	4.01	4.06	188	5350	7.47	7.05	10.27	227	6350	7.22	9.47	11.91	217
4375	0.52	3.94	3.97	187	5375	7.49	7.54	10.63	225	6375	7.53	9.32	11.98	219
4400	0.52	3.94	3.97	187	5400	7.31	8.36	11.10	221	6400	7.83	9.00	11.93	221

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-28 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 0982 02/12/65, 1633Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6425	8.28	8.56	11.91	224	7425	11.58	4.44	12.40	249	8425	8.94	2.43	9.26	255
6450	8.69	8.28	12.00	226	7450	11.62	4.26	12.38	250	8450	8.71	2.59	9.09	253
6475	8.62	7.86	11.66	227	7475	11.28	3.83	11.91	251	8475	8.35	2.64	8.76	252
6500	8.73	7.80	11.71	228	7500	11.11	3.52	11.65	252	8500	8.23	2.87	8.72	251
6525	9.27	7.91	12.19	229	7525	11.38	3.51	11.91	253	8525	8.25	3.21	8.85	249
6550	9.46	7.70	12.19	231	7550	11.45	3.57	11.99	253	8550	8.22	3.41	8.90	247
6575	9.62	7.53	12.21	232	7575	11.28	3.64	11.86	252	8575	8.34	3.63	9.10	246
6600	9.95	7.55	12.49	233	7600	11.03	3.58	11.60	252	8600	8.41	3.97	9.30	245
6625	10.09	7.74	12.72	232	7625	10.78	3.37	11.29	252	8625	8.50	4.26	9.50	243
6650	9.92	7.77	12.60	232	7650	10.63	3.29	11.12	253	8650	8.60	4.34	9.63	243
6675	9.75	7.51	12.31	232	7675	10.81	3.18	11.27	253	8675	8.62	4.40	9.68	243
6700	9.97	7.34	12.38	233	7700	10.69	2.99	11.10	254	8700	8.62	4.40	9.68	243
6725	10.45	7.24	12.71	235	7725	10.91	3.20	11.37	253	8725	8.65	4.40	9.71	243
6750	10.65	7.05	12.77	236	7750	11.11	3.26	11.58	253	8750	8.52	4.45	9.61	242
6775	10.86	6.90	12.86	237	7775	10.59	2.96	11.00	254	8775	8.32	4.33	9.38	242
6800	11.22	6.71	13.08	239	7800	10.44	2.91	10.84	254	8800	8.07	4.20	9.10	242
6825	11.41	6.47	13.12	240	7825	10.48	2.97	10.89	254	8825	8.00	4.38	9.13	241
6850	11.52	6.26	13.11	241	7850	10.64	2.97	11.04	254	8850	8.12	4.51	9.29	241
6875	11.54	6.15	13.08	242	7875	10.53	2.86	10.92	255	8875	8.12	4.32	9.20	242
6900	11.49	6.08	13.00	242	7900	10.48	2.90	10.87	254	8900	8.19	4.21	9.21	243
6925	11.31	5.98	12.80	242	7925	10.50	3.03	10.93	254	8925	8.49	3.90	9.34	245
6950	11.41	5.99	12.89	242	7950	10.21	2.93	10.62	254	8950	8.91	3.21	9.47	250
6975	11.68	6.03	13.15	242	7975	10.13	2.93	10.54	254	8975	8.93	2.80	9.35	252
7000	11.76	5.99	13.19	243	8000	10.09	2.75	10.46	255	9000	9.66	2.55	9.99	255
7025	11.86	5.95	13.27	243	8025	10.21	2.56	10.53	256	9025	10.21	2.35	10.48	257
7050	11.90	5.81	13.24	244	8050	10.46	2.46	10.75	257	9050	10.17	1.95	10.35	259
7075	11.62	5.47	12.84	245	8075	10.62	2.44	10.89	257	9075	10.30	1.59	10.42	261
7100	11.80	5.53	13.03	245	8100	10.57	2.40	10.84	257	9100	9.98	1.35	10.07	262
7125	12.27	5.76	13.55	245	8125	10.45	2.01	10.64	259	9125	9.90	1.24	9.97	263
7150	12.30	5.63	13.53	245	8150	9.98	1.76	10.14	260	9150	10.13	0.93	10.17	265
7175	12.37	5.48	13.53	246	8175	9.24	1.88	9.43	258	9175	10.27	0.39	10.27	268
7200	12.38	5.31	13.47	247	8200	8.75	1.85	8.94	258	9200	10.55	-0.06	10.55	270
7225	12.31	5.19	13.36	247	8225	8.85	2.06	9.09	257	9225	10.96	-0.40	10.97	272
7250	12.48	5.26	13.55	247	8250	9.05	2.39	9.36	255	9250	11.27	-0.66	11.29	273
7275	12.73	5.43	13.84	247	8275	8.84	2.26	9.12	255	9275	11.47	-0.86	11.50	274
7300	12.53	5.49	13.68	246	8300	9.17	2.14	9.42	257	9300	11.66	-1.18	11.72	276
7325	12.11	5.46	13.29	246	8325	9.45	2.14	9.69	257	9325	11.74	-1.43	11.82	277
7350	11.69	5.30	12.84	245	8350	9.41	2.18	9.66	257	9350	11.82	-1.47	11.91	277
7375	11.64	5.20	12.75	246	8375	9.33	2.12	9.57	257	9375	11.98	-1.59	12.08	277
7400	11.68	4.84	12.64	247	8400	9.15	2.18	9.41	256	9400	11.95	-1.67	12.07	278

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 0982 02/12/65, 1633Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9425	12.27	-1.87	12.41	278	10425	22.75	1.77	22.82	265	11425	28.63	13.72	31.74	244
9450	12.82	-2.13	12.99	279	10450	23.36	1.79	23.43	265	11450	28.79	13.96	32.00	244
9475	13.15	-2.21	13.34	279	10475	24.49	1.83	24.56	266	11475	28.78	13.71	31.88	244
9500	13.45	-2.11	13.61	279	10500	26.60	1.47	26.64	267	11500	28.75	13.28	31.67	245
9525	14.03	-1.89	14.16	277	10525	28.09	1.28	28.12	267	11525	29.37	13.14	32.18	246
9550	14.76	-1.81	14.87	277	10550	30.25	1.51	30.29	267	11550	28.72	12.38	31.28	246
9575	15.38	-1.74	15.48	276	10575	31.52	1.64	31.56	267	11575	28.84	12.18	31.30	247
9600	15.52	-1.81	15.63	276	10600	31.76	2.25	31.84	266	11600	29.18	11.77	31.46	248
9625	15.74	-1.99	15.87	277	10625	31.73	3.19	31.89	264	11625	28.88	10.79	30.83	249
9650	16.36	-2.12	16.49	277	10650	31.70	4.13	31.97	262	11650	29.17	10.53	31.01	250
9675	16.75	-2.17	16.89	277	10675	32.03	5.10	32.44	261	11675	29.69	10.49	31.49	250
9700	16.34	-1.96	16.46	277	10700	32.45	5.75	32.96	260	11700	29.62	10.00	31.26	251
9725	16.46	-1.96	16.58	277	10725	33.36	6.58	34.00	259	11725	29.02	9.46	30.53	252
9750	17.11	-2.29	17.26	277	10750	32.41	7.14	33.19	257	11750	29.08	9.60	30.62	252
9775	17.07	-2.42	17.24	278	10775	31.74	8.02	32.73	256	11775	29.73	10.35	31.48	251
9800	17.18	-2.45	17.35	278	10800	32.33	9.05	33.57	254	11800	29.70	10.76	31.59	250
9825	16.62	-2.37	16.79	278	10825	31.99	9.82	33.47	253	11825	29.46	10.95	31.43	249
9850	17.38	-2.31	17.53	277	10850	31.76	10.19	33.36	252	11850	28.71	11.07	30.77	249
9875	18.12	-2.31	18.26	277	10875	32.68	10.61	34.36	252	11875	28.32	11.31	30.49	248
9900	17.82	-2.29	17.97	277	10900	33.29	11.05	35.07	251	11900	28.34	11.63	30.64	248
9925	18.26	-2.31	18.41	277	10925	33.57	11.82	35.59	250	11925	27.98	11.76	30.35	247
9950	18.31	-2.32	18.46	277	10950	33.57	12.48	35.82	249	11950	27.87	11.66	30.21	247
9975	18.35	-2.40	18.51	277	10975	33.46	12.69	35.78	249	11975	28.35	11.72	30.68	247
10000	18.58	-2.37	18.73	277	11000	33.39	13.02	35.84	249	12000	27.72	11.27	29.92	248
10025	18.73	-2.23	18.86	277	11025	32.32	13.15	34.89	248	12025	28.51	11.45	30.73	248
10050	18.80	-2.33	18.95	277	11050	32.55	13.54	35.25	247	12050	28.95	11.47	31.14	248
10075	19.08	-2.43	19.23	277	11075	32.76	13.74	35.52	247	12075	28.27	10.98	30.33	249
10100	19.36	-2.50	19.52	277	11100	31.71	13.51	34.47	247	12100	28.75	11.33	30.90	248
10125	19.30	-2.54	19.47	277	11125	31.35	13.53	34.15	246	12125	28.96	11.33	31.10	248
10150	19.83	-2.70	20.01	278	11150	30.91	13.39	33.68	246	12150	28.93	11.19	31.02	249
10175	20.63	-2.89	20.83	278	11175	30.65	13.45	33.47	246	12175	28.66	11.17	30.76	249
10200	20.50	-2.97	20.71	278	11200	30.34	13.54	33.22	246	12200	28.76	11.40	30.93	248
10225	20.58	-2.87	20.78	278	11225	29.93	13.36	32.77	246	12225	28.92	11.49	31.12	248
10250	21.12	-2.73	21.30	277	11250	29.73	12.87	32.39	246	12250	28.42	11.54	30.67	248
10275	21.08	-2.74	21.25	277	11275	29.59	12.67	32.19	247	12275	28.08	11.62	30.38	247
10300	20.02	-2.20	20.14	276	11300	29.08	12.76	31.75	246	12300	28.44	11.53	30.69	248
10325	19.42	-0.91	19.44	273	11325	29.11	13.01	31.88	246	12325	28.13	11.54	30.40	248
10350	19.93	0.42	19.94	269	11350	29.82	13.62	32.78	245	12350	27.91	11.46	30.17	247
10375	20.47	1.41	20.52	266	11375	28.88	13.53	31.89	245	12375	28.23	11.48	30.47	248
10400	21.42	1.89	21.50	265	11400	28.88	13.67	31.95	244	12400	28.70	11.84	31.04	247

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-28 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 0982 02/12/65, 1633Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12425	28.78	12.02	31.19	247	13425	28.59	16.60	33.07	240	14425	29.54	8.40	30.72	254
12450	28.46	11.60	30.73	248	13450	28.62	16.43	33.00	240	14450	29.62	7.85	30.64	255
12475	28.29	11.75	30.63	247	13475	29.05	16.74	33.53	240	14475	28.83	7.42	29.77	255
12500	28.08	11.82	30.47	247	13500	28.95	16.52	33.33	240	14500	28.63	7.69	29.64	255
12525	28.08	11.83	30.47	247	13525	28.67	16.44	33.05	240	14525	29.93	7.84	30.94	255
12550	27.95	12.10	30.46	246	13550	28.82	16.62	33.27	240	14550	29.86	7.57	30.80	256
12575	27.39	11.75	29.80	247	13575	28.94	16.10	33.11	241	14575	29.40	7.50	30.34	256
12600	27.31	11.93	29.80	246	13600	29.27	15.79	33.26	241	14600	29.81	7.53	30.74	256
12625	27.82	12.48	30.49	246	13625	29.52	16.22	33.68	241	14625	29.97	7.44	30.87	256
12650	27.69	12.65	30.45	245	13650	29.71	16.20	33.84	241	14650	29.74	7.48	30.67	256
12675	26.57	12.50	29.36	245	13675	29.01	15.64	32.95	241	14675	29.60	7.26	30.48	256
12700	27.11	12.94	30.04	244	13700	30.09	16.37	34.25	241	14700	30.24	7.29	31.11	256
12725	27.85	13.40	30.91	244	13725	30.57	16.47	34.72	242	14725	31.17	8.31	32.26	255
12750	27.12	13.28	30.20	244	13750	30.71	16.79	35.00	241	14750	30.81	8.79	32.04	254
12775	27.08	13.38	30.20	244	13775	31.13	17.13	35.53	241	14775	29.60	8.25	30.73	254
12800	27.06	13.43	30.21	243	13800	30.97	16.50	35.09	242	14800	28.46	7.84	29.52	254
12825	26.86	13.37	30.00	243	13825	31.26	16.25	35.23	242	14825	27.51	7.26	28.45	255
12850	27.24	13.54	30.42	243	13850	30.81	15.62	34.54	243	14850	26.79	6.67	27.61	256
12875	27.63	13.91	30.93	243	13875	30.58	15.24	34.17	243	14875	26.08	6.52	26.88	256
12900	27.40	13.79	30.67	243	13900	29.96	14.52	33.30	244	14900	25.50	6.18	26.24	256
12925	27.38	13.90	30.71	243	13925	30.14	14.42	33.41	244	14925	24.96	6.02	25.68	256
12950	27.40	13.92	30.74	243	13950	30.24	14.35	33.47	244	14950	23.74	5.72	24.42	256
12975	27.75	14.02	31.09	243	13975	29.62	14.07	32.79	244	14975	23.23	5.86	23.96	256
13000	27.92	14.27	31.36	243	14000	29.34	13.80	32.43	245	15000	22.80	6.17	23.62	255
13025	27.88	14.01	31.20	243	14025	29.31	13.64	32.33	245	15025	21.26	6.14	22.13	254
13050	28.09	13.91	31.35	243	14050	29.30	13.57	32.29	245	15050	20.24	6.23	21.18	253
13075	26.77	13.66	30.05	243	14075	27.72	12.76	30.51	245	15075	19.37	6.16	20.33	252
13100	28.07	14.60	31.64	242	14100	28.28	13.11	31.17	245	15100	18.76	6.33	19.80	251
13125	29.29	14.96	32.89	243	14125	28.77	13.04	31.59	245	15125	18.34	6.50	19.45	250
13150	28.22	14.58	31.76	242	14150	28.03	12.38	30.64	246	15150	18.28	6.62	19.45	250
13175	28.66	15.18	32.43	242	14175	28.06	12.01	30.52	247	15175	18.97	6.72	20.12	250
13200	29.17	15.80	33.17	241	14200	27.32	11.27	29.56	247	15200	19.08	6.96	20.31	250
13225	28.60	16.46	33.00	240	14225	27.61	10.52	29.55	249	15225	18.24	7.60	19.76	247
13250	28.28	17.46	33.24	238	14250	27.83	10.07	29.60	250	15250	18.75	8.65	20.65	245
13275	28.00	17.90	33.23	237	14275	28.56	9.78	30.19	251	15275	19.21	9.08	21.24	245
13300	27.75	17.60	32.86	237	14300	28.96	9.85	30.59	251	15300	19.07	9.37	21.25	244
13325	28.16	17.33	33.06	238	14325	29.41	9.58	30.93	252	15325	18.92	9.45	21.15	243
13350	28.72	17.43	33.59	239	14350	30.05	9.23	31.43	253	15350	18.51	9.00	20.58	244
13375	28.99	17.32	33.77	239	14375	29.81	9.15	31.18	253	15375	18.18	9.12	20.34	243
13400	28.88	17.04	33.53	239	14400	29.55	8.64	30.78	254	15400	18.24	9.80	20.71	242

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 0982 02/12/65, 1633Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15425	18.42	9.61	20.77	242	16425	19.87	3.31	20.14	260					
15450	18.55	9.24	20.72	243	16450	19.72	2.62	19.90	262					
15475	18.69	9.92	21.16	242	16475	19.74	1.91	19.83	264					
15500	17.82	10.10	20.48	240	16500	19.61	1.43	19.66	266					
15525	18.33	11.16	21.46	238	16525	18.91	1.22	18.95	266					
15550	19.61	12.45	23.23	237	16550	19.09	0.85	19.11	267					
15575	18.70	12.58	22.54	236	16575	19.18	0.61	19.19	268					
15600	18.26	11.99	21.85	237	16600	18.69	0.53	18.70	268					
15625	19.37	12.18	22.88	238	16625	19.28	0.77	19.30	268					
15650	19.31	12.57	23.04	237	16650	19.28	0.80	19.30	267					
15675	19.19	12.17	22.73	237	16675	19.06	0.16	19.06	269					
15700	19.25	12.69	23.06	236	16700	18.94	0.13	18.94	269					
15725	18.92	13.27	23.10	235	16725	18.24	0.16	18.25	269					
15750	19.16	13.25	23.30	235	16750	17.54	-0.13	17.54	270					
15775	19.35	13.86	23.81	234	16775	16.97	0.15	16.97	269					
15800	18.75	13.85	23.31	233	16800	16.62	0.88	16.64	267					
15825	18.68	13.79	23.22	233	16825	16.06	1.36	16.12	265					
15850	19.52	14.38	24.24	233	16850	15.50	1.21	15.55	265					
15875	19.02	14.07	23.66	233										
15900	18.78	14.91	23.98	231										
15925	19.25	15.59	24.77	231										
15950	19.48	15.06	24.62	232										
15975	19.36	15.14	24.58	232										
16000	19.60	14.90	24.62	233										
16025	20.06	14.73	24.89	234										
16050	20.54	14.28	25.02	235										
16075	21.02	13.74	25.11	237										
16100	20.57	12.85	24.25	238										
16125	20.90	12.40	24.31	239										
16150	21.54	11.95	24.63	241										
16175	21.55	10.49	23.97	244										
16200	21.42	10.33	23.78	244										
16225	21.55	10.01	23.76	245										
16250	21.47	8.94	23.26	247										
16275	21.10	7.65	22.45	250										
16300	20.63	6.76	21.71	252										
16325	18.73	5.27	19.46	254										
16350	19.26	4.49	19.78	257										
16375	20.92	4.39	21.37	258										
16400	19.99	3.87	20.36	259										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-29

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0977 02/16/65, 0525Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1100	-5.86	1.07	5.95	100	2100	6.39	0.52	6.42	265	3100	7.45	-0.48	7.47	274
1125	-5.14	1.16	5.27	103	2125	6.32	0.20	6.32	268	3125	7.30	-0.37	7.31	273
1150	-4.78	1.47	5.00	107	2150	6.30	-0.17	6.30	271	3150	7.34	-0.17	7.34	271
1175	-4.62	1.87	4.99	112	2175	6.35	-0.58	6.38	275	3175	7.39	0.12	7.39	269
1200	-3.73	1.85	4.16	116	2200	6.53	-0.97	6.61	278	3200	7.93	0.47	7.94	266
1225	-3.22	2.07	3.83	123	2225	6.60	-1.70	6.82	284	3225	8.02	0.71	8.05	265
1250	-3.28	2.16	3.93	123	2250	6.59	-2.46	7.03	290	3250	7.55	0.78	7.59	264
1275	-3.46	2.10	4.05	121	2275	6.54	-2.84	7.13	293	3275	7.43	0.95	7.49	263
1300	-3.89	2.00	4.38	117	2300	6.56	-2.96	7.20	294	3300	7.70	1.08	7.77	262
1325	-3.86	2.04	4.36	118	2325	6.61	-2.69	7.13	292	3325	7.89	0.64	7.91	265
1350	-3.74	2.23	4.36	121	2350	6.55	-2.16	6.89	288	3350	7.87	0.08	7.87	269
1375	-3.93	2.39	4.60	121	2375	6.54	-1.61	6.73	284	3375	8.06	-0.04	8.06	270
1400	-3.55	2.53	4.36	125	2400	6.44	-1.24	6.55	281	3400	8.47	-0.22	8.48	271
1425	-2.82	2.72	3.92	134	2425	6.63	-1.05	6.71	279	3425	8.43	-0.59	8.46	274
1450	-2.06	2.73	3.42	143	2450	6.91	-0.61	6.94	275	3450	8.86	-1.13	8.94	277
1475	-0.80	3.08	3.18	165	2475	6.70	-0.10	6.70	271	3475	9.43	-1.63	9.57	280
1500	0.09	3.59	3.59	181	2500	6.64	0.17	6.64	268	3500	9.26	-1.89	9.45	281
1525	0.44	3.72	3.74	187	2525	6.59	0.36	6.60	267	3525	9.97	-2.16	10.21	282
1550	0.80	3.74	3.82	192	2550	6.44	0.53	6.46	265	3550	10.34	-2.51	10.64	283
1575	1.59	3.81	4.13	202	2575	6.34	0.47	6.36	266	3575	10.18	-2.70	10.53	285
1600	2.31	3.48	4.17	213	2600	5.93	0.41	5.95	266	3600	10.30	-2.83	10.68	285
1625	3.04	3.19	4.40	223	2625	5.60	0.24	5.60	267	3625	10.20	-3.16	10.68	287
1650	3.36	3.45	4.82	224	2650	5.59	0.01	5.59	270	3650	11.00	-3.86	11.66	289
1675	3.61	3.24	4.85	228	2675	5.83	0.15	5.84	268	3675	11.32	-4.14	12.06	290
1700	4.05	2.79	4.92	235	2700	5.94	0.25	5.94	267	3700	10.78	-4.20	11.57	291
1725	4.71	2.53	5.35	242	2725	5.91	0.12	5.91	269	3725	11.00	-4.24	11.79	291
1750	5.08	2.21	5.54	246	2750	6.22	0.15	6.22	268	3750	11.70	-4.21	12.44	290
1775	5.64	1.95	5.96	251	2775	6.33	0.08	6.34	269	3775	11.74	-4.16	12.45	289
1800	6.10	1.99	6.41	252	2800	6.16	-0.16	6.16	271	3800	11.31	-4.12	12.04	290
1825	6.21	1.89	6.49	253	2825	6.08	-0.30	6.09	273	3825	11.23	-4.07	11.95	290
1850	6.72	1.78	6.95	255	2850	6.31	-0.41	6.32	273	3850	11.11	-3.96	11.80	289
1875	6.92	1.76	7.14	256	2875	6.34	-0.55	6.36	275	3875	11.08	-3.95	11.76	289
1900	6.91	1.68	7.11	256	2900	6.29	-0.65	6.32	276	3900	11.20	-3.93	11.87	289
1925	7.15	1.67	7.35	257	2925	6.85	-0.65	6.88	275	3925	11.09	-3.63	11.67	288
1950	7.27	1.83	7.49	256	2950	7.00	-0.81	7.05	276	3950	10.85	-3.33	11.35	287
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2975	6.71	-0.85	6.76	277	3975	10.86	-3.23	11.33	286
2000	7.60	2.23	7.93	253	3000	6.93	-0.70	6.97	276	4000	10.77	-3.04	11.19	286
2025	7.34	1.91	7.59	255	3025	7.33	-0.64	7.36	275	4025	10.20	-2.80	10.57	285
2050	6.76	1.49	6.92	257	3050	7.16	-0.59	7.18	274	4050	9.32	-2.41	9.63	284
2075	6.34	1.02	6.42	261	3075	7.28	-0.51	7.30	274	4075	8.34	-1.65	8.50	281

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0977 02/16/65, 0525Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4100	7.57	-0.80	7.61	276	5100	7.40	2.58	7.84	251	6100	3.93	5.89	7.08	214
4125	7.52	-0.15	7.52	271	5125	7.41	2.85	7.94	249	6125	4.14	5.85	7.17	215
4150	7.70	0.52	7.72	266	5150	7.23	3.12	7.87	246	6150	4.21	5.63	7.03	217
4175	7.78	0.93	7.84	263	5175	7.22	3.42	7.99	244	6175	4.25	5.47	6.92	218
4200	8.20	1.12	8.27	262	5200	7.19	3.58	8.03	243	6200	4.74	5.95	7.61	218
4225	8.42	1.38	8.53	261	5225	7.48	3.76	8.37	243	6225	4.93	6.46	8.12	217
4250	8.50	1.62	8.66	259	5250	7.64	3.91	8.59	243	6250	5.00	6.76	8.41	216
4275	8.25	1.78	8.44	258	5275	7.39	4.04	8.43	241	6275	5.17	6.96	8.67	216
4300	8.02	2.15	8.30	255	5300	7.51	4.44	8.73	239	6300	5.18	6.90	8.63	217
4325	8.00	2.50	8.38	252	5325	7.72	4.60	8.99	239	6325	5.18	6.68	8.45	218
4350	8.10	2.42	8.45	253	5350	7.60	4.52	8.84	239	6350	5.16	6.66	8.43	218
4375	8.91	2.17	9.17	256	5375	7.75	4.88	9.16	238	6375	4.99	6.66	8.32	217
4400	9.21	1.88	9.40	258	5400	7.59	5.43	9.33	234	6400	4.82	6.60	8.17	216
4425	8.91	1.34	9.01	261	5425	7.21	5.84	9.28	231	6425	4.92	6.58	8.22	217
4450	8.87	0.80	8.90	265	5450	7.03	6.20	9.37	228	6450	4.98	6.34	8.06	218
4475	9.11	0.39	9.12	267	5475	6.85	7.11	9.87	224	6475	5.01	6.40	8.12	218
4500	8.92	-0.05	8.92	270	5500	6.41	8.01	10.26	218	6500	5.01	6.80	8.45	216
4525	8.27	-0.73	8.31	275	5525	5.92	8.43	10.30	215	6525	4.91	7.01	8.56	215
4550	8.00	-1.55	8.15	281	5550	5.85	8.76	10.54	214	6550	4.94	6.93	8.51	215
4575	7.96	-1.91	8.19	283	5575	5.66	8.57	10.27	213	6575	5.09	6.90	8.57	216
4600	7.85	-1.85	8.07	283	5600	5.22	8.18	9.70	212	6600	5.19	6.91	8.64	217
4625	7.60	-1.86	7.83	284	5625	4.90	7.77	9.18	212	6625	5.15	7.15	8.81	216
4650	7.44	-1.94	7.69	284	5650	4.65	7.20	8.57	213	6650	4.99	7.40	8.92	214
4675	7.30	-1.98	7.56	285	5675	4.55	6.91	8.28	213	6675	5.15	7.23	8.88	215
4700	7.19	-2.03	7.47	286	5700	4.22	6.63	7.86	212	6700	5.38	6.90	8.75	218
4725	7.11	-2.00	7.39	286	5725	3.67	6.08	7.11	211	6725	5.51	6.54	8.55	220
4750	7.05	-1.76	7.26	284	5750	3.68	5.72	6.80	213	6750	5.43	6.16	8.21	221
4775	6.84	-1.58	7.02	283	5775	3.82	5.58	6.76	214	6775	5.13	6.11	7.98	220
4800	6.75	-1.68	6.96	284	5800	3.72	5.46	6.61	214	6800	5.10	6.25	8.07	219
4825	6.93	-1.85	7.17	285	5825	3.56	5.20	6.31	214	6825	5.30	6.27	8.21	220
4850	7.01	-1.87	7.25	285	5850	3.53	4.86	6.01	216	6850	5.63	6.29	8.44	222
4875	6.92	-1.74	7.13	284	5875	3.69	4.33	5.69	220	6875	6.15	6.29	8.79	224
4900	6.89	-1.58	7.07	283	5900	3.81	4.10	5.60	223	6900	6.77	6.15	9.15	228
4925	7.27	-1.20	7.37	279	5925	3.84	4.30	5.76	222	6925	7.14	5.94	9.29	230
4950	7.36	-0.63	7.39	275	5950	3.92	4.56	6.02	220	6950	7.62	5.66	9.49	233
4975	7.27	-0.19	7.27	271	5975	4.06	4.85	6.32	220	6975	8.16	5.38	9.78	236
5000	7.45	0.38	7.46	267	6000	4.12	5.18	6.62	218	7000	8.66	5.39	10.20	238
5025	7.37	1.17	7.47	261	6025	4.06	5.48	6.82	216	7025	9.05	5.45	10.57	239
5050	7.32	1.77	7.53	256	6050	3.93	5.72	6.94	214	7050	9.10	5.34	10.55	239
5075	7.25	2.16	7.56	253	6075	3.85	5.82	6.98	213	7075	9.12	5.18	10.49	240

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-29 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 0977 02/16/65, 0525Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7100	9.28	5.05	10.56	241	8100	15.45	-3.13	15.77	281	9100	16.99	-5.79	17.95	289
7125	9.16	5.01	10.44	241	8125	15.44	-3.02	15.74	281	9125	16.16	-5.67	17.13	289
7150	8.91	5.15	10.29	240	8150	15.36	-2.94	15.64	281	9150	16.30	-6.03	17.38	290
7175	8.54	5.27	10.04	238	8175	15.24	-2.91	15.52	281	9175	16.48	-6.22	17.62	290
7200	8.12	5.34	9.72	237	8200	15.06	-2.82	15.33	280	9200	16.80	-6.28	17.93	290
7225	8.24	5.61	9.97	236	8225	15.48	-2.69	15.71	280	9225	16.56	-6.18	17.68	290
7250	8.20	5.34	9.78	237	8250	15.04	-2.66	15.27	280	9250	16.29	-5.97	17.35	290
7275	8.49	4.95	9.83	240	8275	14.20	-2.61	14.44	280	9275	16.15	-5.87	17.18	290
7300	9.02	4.73	10.18	242	8300	14.27	-2.45	14.48	280	9300	15.91	-5.92	16.98	290
7325	8.95	4.28	9.92	244	8325	13.98	-2.10	14.13	278	9325	15.81	-6.04	16.93	291
7350	9.32	4.31	10.26	245	8350	13.42	-1.74	13.54	277	9350	15.66	-6.18	16.84	291
7375	9.51	4.27	10.43	246	8375	13.33	-1.55	13.42	276	9375	15.65	-6.33	16.89	292
7400	9.37	3.88	10.14	247	8400	13.04	-1.51	13.13	276	9400	15.81	-6.39	17.06	292
7425	9.96	3.53	10.57	250	8425	12.97	-1.50	13.05	276	9425	16.10	-6.24	17.26	291
7450	10.37	3.07	10.82	253	8450	13.33	-1.52	13.42	276	9450	16.52	-5.86	17.53	289
7475	10.88	2.75	11.22	256	8475	13.48	-1.67	13.58	277	9475	16.84	-5.53	17.72	288
7500	11.26	2.46	11.53	257	8500	13.79	-1.78	13.90	277	9500	17.26	-5.38	18.08	287
7525	11.12	2.00	11.30	260	8525	13.87	-1.78	13.99	277	9525	17.92	-5.29	18.68	286
7550	11.37	1.61	11.49	262	8550	13.65	-1.77	13.77	277	9550	18.31	-5.16	19.02	286
7575	11.50	1.38	11.58	263	8575	13.62	-1.70	13.73	277	9575	18.56	-5.04	19.23	285
7600	11.59	1.23	11.65	264	8600	13.92	-1.54	14.00	276	9600	18.92	-4.89	19.55	284
7625	11.84	1.13	11.89	264	8625	14.25	-1.49	14.32	276	9625	19.10	-4.68	19.66	284
7650	12.01	0.96	12.04	265	8650	14.43	-1.62	14.52	276	9650	19.09	-4.46	19.60	283
7675	12.19	0.91	12.23	266	8675	14.30	-1.85	14.42	277	9675	18.93	-4.17	19.39	282
7700	12.00	0.79	12.02	266	8700	13.82	-2.26	14.00	279	9700	19.16	-4.05	19.58	282
7725	12.13	0.24	12.14	269	8725	13.73	-2.82	14.01	281	9725	19.69	-3.84	20.06	281
7750	12.88	-0.58	12.90	272	8750	14.17	-3.13	14.52	282	9750	20.05	-3.51	20.36	280
7775	13.17	-1.12	13.21	275	8775	14.25	-3.23	14.61	283	9775	20.59	-3.00	20.80	278
7800	13.14	-1.33	13.20	276	8800	14.20	-3.29	14.58	283	9800	20.11	-2.33	20.25	276
7825	13.46	-1.50	13.54	276	8825	13.91	-3.35	14.30	283	9825	21.17	-1.93	21.26	275
7850	14.28	-1.48	14.36	276	8850	14.19	-3.71	14.67	284	9850	22.47	-1.47	22.52	274
7875	14.28	-1.63	14.37	276	8875	15.21	-4.18	15.78	285	9875	21.67	-0.91	21.69	272
7900	14.46	-2.24	14.63	279	8900	15.12	-4.19	15.69	285	9900	23.04	-0.79	23.06	272
7925	15.50	-2.88	15.77	280	8925	15.72	-4.84	16.45	287	9925	24.70	-0.23	24.70	270
7950	15.20	-2.98	15.49	281	8950	16.32	-5.45	17.21	288	9950	24.84	0.88	24.85	268
7975	15.65	-2.98	15.93	281	8975	16.32	-5.47	17.22	288	9975	25.87	1.62	25.92	266
8000	15.83	-3.03	16.12	281	9000	16.85	-5.72	17.80	289	10000	27.31	2.26	27.40	265
8025	14.80	-2.94	15.09	281	9025	16.75	-5.83	17.73	289	10025	28.10	3.02	28.26	264
8050	15.64	-3.16	15.96	281	9050	15.85	-5.49	16.77	289	10050	28.46	4.06	28.75	262
8075	15.96	-3.29	16.29	281	9075	16.65	-5.68	17.59	289	10075	29.10	4.98	29.52	260

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 0977 02/16/65, 0525Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10100	29.59	5.77	30.15	259	11100	38.49	2.06	38.54	267	12100	30.94	13.41	33.72	246
10125	29.57	6.27	30.23	258	11125	38.70	2.02	38.75	267	12125	29.90	13.13	32.66	246
10150	29.90	6.69	30.64	257	11150	38.38	2.06	38.43	267	12150	29.15	12.67	31.79	246
10175	29.42	6.70	30.17	257	11175	38.76	2.14	38.82	267	12175	30.57	13.88	33.57	245
10200	29.02	6.46	29.73	257	11200	38.89	2.23	38.95	267	12200	30.04	14.05	33.16	245
10225	30.23	6.64	30.95	257	11225	38.98	2.21	39.05	267	12225	28.40	13.71	31.54	244
10250	30.10	6.39	30.77	258	11250	39.45	2.28	39.52	267	12250	27.66	13.99	31.00	243
10275	28.58	5.88	29.18	258	11275	39.58	2.36	39.65	266	12275	25.94	13.78	29.37	242
10300	28.24	5.77	28.82	258	11300	39.66	2.50	39.74	266	12300	26.71	14.26	30.27	242
10325	28.45	5.95	29.07	258	11325	38.74	2.62	38.83	266	12325	26.56	13.97	30.01	242
10350	28.32	6.24	29.00	257	11350	38.80	2.66	38.89	266	12350	26.51	13.66	29.82	243
10375	28.35	6.50	29.09	257	11375	40.54	2.91	40.65	266	12375	27.45	13.99	30.81	243
10400	29.03	6.50	29.75	257	11400	40.20	3.20	40.32	265	12400	26.97	13.66	30.23	243
10425	29.29	6.14	29.93	258	11425	39.42	3.35	39.56	265	12425	26.42	13.13	29.51	243
10450	31.38	6.04	31.96	259	11450	39.41	3.36	39.55	265	12450	26.30	12.75	29.23	244
10475	33.10	5.88	33.62	260	11475	38.85	3.37	39.00	265	12475	27.63	13.15	30.60	244
10500	32.01	5.29	32.44	260	11500	39.05	3.62	39.22	265	12500	27.78	12.69	30.55	245
10525	32.45	5.18	32.86	261	11525	39.11	3.95	39.31	264	12525	26.90	11.93	29.42	246
10550	33.85	5.37	34.27	261	11550	38.56	4.18	38.79	264	12550	26.97	11.46	29.30	247
10575	34.29	5.18	34.68	261	11575	38.83	4.41	39.08	263	12575	27.78	11.22	29.96	248
10600	34.74	5.08	35.11	261	11600	38.49	4.55	38.76	263	12600	27.10	10.69	29.13	248
10625	35.26	4.99	35.61	262	11625	38.15	4.80	38.45	263	12625	26.94	10.09	28.77	249
10650	35.78	4.69	36.08	262	11650	38.27	5.05	38.61	262	12650	27.78	9.97	29.51	250
10675	36.37	4.35	36.63	263	11675	37.78	5.13	38.13	262	12675	27.33	9.57	28.96	251
10700	36.01	4.14	36.25	263	11700	37.62	5.39	38.00	262	12700	27.23	9.52	28.85	251
10725	37.25	4.25	37.49	263	11725	37.37	5.78	37.81	261	12725	27.51	9.59	29.13	251
10750	38.46	4.68	38.74	263	11750	36.76	5.93	37.23	261	12750	27.51	9.51	29.10	251
10775	37.30	5.05	37.64	262	11775	36.42	6.14	36.94	260	12775	27.51	9.58	29.14	251
10800	36.59	4.96	36.92	262	11800	35.93	6.46	36.50	260	12800	27.40	9.60	29.03	251
10825	36.01	4.66	36.31	262	11825	35.34	6.78	35.98	259	12825	27.24	9.78	28.94	250
10850	35.74	4.54	36.03	263	11850	33.93	7.33	34.71	258	12850	26.86	9.80	28.59	250
10875	36.18	4.58	36.47	263	11875	34.22	8.17	35.18	256	12875	26.46	9.79	28.22	250
10900	36.39	4.22	36.64	263	11900	34.88	8.84	35.98	256	12900	26.51	10.40	28.48	248
10925	35.81	3.62	36.00	264	11925	33.91	9.00	35.08	255	12925	26.39	10.76	28.50	248
10950	36.09	3.16	36.23	265	11950	33.29	9.33	34.58	254	12950	26.27	10.63	28.34	248
10975	37.31	3.05	37.43	265	11975	33.04	10.00	34.53	253	12975	26.33	10.66	28.41	248
11000	37.55	2.83	37.65	266	12000	32.84	10.43	34.46	252	13000	26.51	10.52	28.52	248
11025	37.22	2.45	37.30	266	12025	31.52	10.59	33.25	251	13025	25.86	9.86	27.67	249
11050	37.24	2.29	37.31	266	12050	31.59	11.17	33.51	250	13050	26.80	10.13	28.65	249
11075	37.86	2.22	37.92	266	12075	31.75	12.21	34.01	249	13075	26.96	9.95	28.74	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-29 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0977 02/16/65, 0525Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13100	26.59	9.53	28.25	250	14100	27.47	11.69	29.85	247	15100	30.40	12.42	32.84	248
13125	26.99	10.04	28.80	249	14125	27.43	11.74	29.84	247	15125	30.22	12.35	32.64	248
13150	26.07	9.88	27.88	249	14150	27.52	11.78	29.94	247	15150	30.23	12.73	32.80	247
13175	26.22	10.09	28.10	249	14175	28.04	11.82	30.43	247	15175	29.93	12.83	32.56	247
13200	26.46	10.27	28.38	249	14200	28.35	12.01	30.79	247	15200	29.07	12.19	31.53	247
13225	26.55	10.17	28.43	249	14225	28.25	12.22	30.78	246	15225	30.44	12.06	32.75	248
13250	26.67	10.11	28.52	249	14250	28.12	12.47	30.76	246	15250	30.88	12.10	33.16	248
13275	26.61	10.05	28.44	249	14275	29.09	12.64	31.71	246	15275	30.63	11.90	32.86	249
13300	26.38	10.33	28.33	248	14300	29.69	12.94	32.38	246	15300	31.28	11.32	33.27	250
13325	26.23	10.03	28.09	249	14325	29.65	12.97	32.37	246	15325	30.02	9.89	31.60	252
13350	26.65	9.61	28.33	250	14350	30.34	12.93	32.98	247	15350	30.21	9.95	31.80	252
13375	26.73	9.67	28.43	250	14375	30.26	12.83	32.87	247	15375	29.81	9.53	31.30	252
13400	26.49	9.58	28.17	250	14400	30.08	12.55	32.59	247	15400	28.59	8.89	29.94	253
13425	26.22	9.56	27.91	250	14425	30.70	12.59	33.18	248	15425	28.54	8.82	29.87	253
13450	26.42	9.61	28.11	250	14450	30.55	12.65	33.07	247	15450	27.61	8.58	28.91	253
13475	26.51	9.57	28.19	250	14475	30.40	12.61	32.91	247	15475	26.75	8.43	28.05	252
13500	25.26	9.05	26.83	250	14500	30.62	12.79	33.18	247	15500	26.55	8.48	27.87	252
13525	26.13	9.83	27.92	249	14525	29.50	12.81	32.16	246	15525	26.21	8.49	27.55	252
13550	26.86	10.17	28.72	249	14550	30.20	13.36	33.03	246	15550	25.50	8.90	27.01	251
13575	25.79	9.59	27.51	249	14575	30.44	13.36	33.24	246	15575	25.07	9.60	26.84	249
13600	25.91	9.66	27.66	249	14600	29.93	13.81	32.96	245	15600	24.28	9.67	26.13	248
13625	26.21	9.75	27.96	249	14625	29.57	14.24	32.82	244	15625	24.12	9.78	26.03	248
13650	25.97	9.70	27.73	249	14650	29.81	14.78	33.27	243	15650	24.32	10.41	26.45	247
13675	25.77	9.75	27.55	249	14675	30.28	15.00	33.79	243	15675	23.89	11.15	26.36	245
13700	25.72	9.97	27.59	249	14700	28.81	14.41	32.21	243	15700	23.28	11.39	25.91	244
13725	25.54	10.14	27.48	248	14725	28.23	14.40	31.69	243	15725	22.91	11.67	25.71	243
13750	25.45	10.16	27.40	248	14750	28.62	14.27	31.98	243	15750	23.03	12.27	26.09	242
13775	25.42	10.05	27.34	248	14775	28.97	13.96	32.16	244	15775	22.52	12.62	25.82	241
13800	25.51	9.91	27.36	249	14800	29.08	13.17	31.92	245	15800	22.21	13.27	25.87	239
13825	25.53	10.05	27.43	248	14825	28.74	12.70	31.42	246	15825	22.24	13.70	26.12	238
13850	25.91	10.61	28.00	248	14850	28.36	12.59	31.03	246	15850	22.55	13.50	26.28	239
13875	26.18	10.74	28.30	248	14875	29.20	12.64	31.82	246	15875	22.76	13.52	26.47	239
13900	25.88	10.69	28.01	247	14900	29.40	12.36	31.90	247	15900	21.93	12.62	25.30	240
13925	26.12	11.11	28.38	247	14925	29.17	12.18	31.61	247	15925	21.01	10.61	23.54	243
13950	26.36	11.18	28.63	247	14950	28.41	11.77	30.75	247	15950	21.79	9.79	23.89	246
13975	26.49	11.05	28.70	247	14975	29.34	11.79	31.62	248	15975	21.18	9.63	23.26	245
14000	26.62	11.48	28.99	246	15000	29.92	11.97	32.23	248	16000	19.75	9.31	21.83	245
14025	26.75	11.75	29.21	246	15025	29.11	11.80	31.41	248	16025	18.86	8.61	20.73	245
14050	26.86	11.65	29.28	246	15050	28.92	11.78	31.22	248	16050	18.34	7.61	19.85	247
14075	27.23	11.71	29.64	247	15075	29.50	11.98	31.84	248	16075	18.50	7.13	19.83	249

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0977 02/16/65, 0525Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16100	17.72	6.97	19.04	248	17100	18.15	9.89	20.67	241					
16125	16.49	6.16	17.60	249	17125	18.41	9.83	20.87	242					
16150	17.21	6.02	18.23	251	17150	18.67	9.18	20.80	244					
16175	17.88	6.39	18.99	250										
16200	16.55	6.25	17.69	249										
16225	16.30	7.12	17.78	246										
16250	17.16	8.33	19.07	244										
16275	16.98	7.96	18.75	245										
16300	16.69	7.91	18.46	244										
16325	16.47	8.53	18.55	242										
16350	16.26	9.14	18.66	240										
16375	16.15	9.74	18.86	239										
16400	16.23	9.88	19.00	238										
16425	16.19	10.37	19.22	237										
16450	15.90	10.69	19.16	236										
16475	15.70	10.48	18.88	236										
16500	15.55	10.10	18.54	237										
16525	16.29	10.55	19.41	237										
16550	16.23	11.24	19.75	235										
16575	15.53	10.74	18.88	235										
16600	16.21	10.40	19.26	237										
16625	16.96	10.77	20.09	237										
16650	16.86	10.75	20.00	237										
16675	17.12	11.06	20.38	237										
16700	17.28	11.20	20.59	237										
16725	17.05	11.18	20.39	237										
16750	17.91	12.26	21.71	235										
16775	18.13	12.62	22.09	235										
16800	17.52	11.84	21.14	236										
16825	17.31	11.60	20.84	236										
16850	17.08	11.36	20.51	236										
16875	16.88	11.44	20.39	236										
16900	16.67	11.43	20.21	235										
16925	16.03	10.63	19.24	236										
16950	16.09	10.50	19.22	237										
16975	16.43	10.76	19.64	237										
17000	16.42	10.85	19.68	236										
17025	16.73	10.44	19.73	238										
17050	17.34	10.02	20.03	240										
17075	18.05	9.93	20.60	241										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-30

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0978 02/16/65, 0701Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-10.80	-3.45	11.34	72	1200	2.01	-0.59	2.10	286	2200	2.52	5.61	6.15	204
225	-10.65	-2.97	11.06	74	1225	3.35	-1.54	3.69	295	2225	2.42	5.81	6.30	202
250	-10.38	-2.90	10.77	74	1250	4.63	-2.40	5.21	297	2250	1.92	5.17	5.51	200
275	-10.03	-2.89	10.43	74	1275	5.60	-2.84	6.28	297	2275	1.72	5.18	5.46	198
300	-9.93	-2.72	10.29	74	1300	6.07	-2.93	6.74	296	2300	1.74	5.82	6.08	196
325	-10.01	-2.70	10.37	75	1325	7.34	-3.26	8.03	294	2325	1.44	6.01	6.18	193
350	-10.07	-2.87	10.47	74	1350	8.99	-3.68	9.71	292	2350	1.30	6.25	6.39	192
375	-10.14	-2.99	10.57	73	1375	9.44	-3.54	10.09	290	2375	1.04	5.92	6.01	190
400	-10.17	-2.96	10.59	74	1400	9.83	-3.27	10.36	288	2400	1.40	4.92	5.11	196
425	-10.18	-2.85	10.58	74	1425	11.12	-3.21	11.57	286	2425	3.72	1.96	4.21	242
450	-10.20	-2.82	10.59	74	1450	12.69	-3.17	13.08	284	2450	5.48	-0.22	5.48	272
475	-10.01	-2.53	10.32	76	1475	13.48	-2.71	13.74	281	2475	6.31	-0.93	6.38	278
500	-9.57	-1.97	9.78	78	1500	13.18	-1.99	13.33	278	2500	6.29	-1.26	6.42	281
525	-9.21	-1.52	9.33	80	1525	12.87	-1.31	12.93	276	2525	6.35	-1.22	6.46	281
550	-9.50	-1.25	9.59	82	1550	12.42	-0.71	12.44	273	2550	6.40	-0.76	6.44	277
575	-9.98	-0.80	10.01	85	1575	12.21	-0.15	12.22	271	2575	6.17	-0.36	6.18	273
600	-9.93	-0.38	9.94	88	1600	13.03	0.35	13.03	268	2600	5.77	-0.08	5.77	271
625	-9.83	-0.10	9.83	89	1625	13.88	0.95	13.91	266	2625	5.46	-0.03	5.46	270
650	-9.65	0.22	9.66	91	1650	12.40	1.40	12.48	263	2650	5.32	-0.17	5.32	272
675	-9.27	0.42	9.28	92	1675	11.45	1.88	11.60	261	2675	5.23	-0.40	5.24	274
700	-8.60	0.40	8.61	92	1700	12.44	2.58	12.70	258	2700	5.15	-0.52	5.18	276
725	-8.41	0.80	8.44	95	1725	12.59	3.15	12.98	256	2725	5.18	-0.61	5.22	277
750	-9.07	1.35	9.17	98	1750	11.15	3.42	11.66	253	2750	5.20	-0.68	5.25	277
775	-9.07	1.44	9.19	99	1775	10.43	3.86	11.12	250	2775	5.41	-0.81	5.47	278
800	-8.85	1.56	8.99	100	1800	10.25	4.21	11.08	248	2800	5.41	-0.99	5.50	280
825	-8.88	1.89	9.08	102	1825	9.84	4.50	10.83	245	2825	5.23	-1.07	5.34	281
850	-8.58	2.36	8.90	105	1850	10.31	5.35	11.62	242	2850	5.22	-1.09	5.33	282
875	-8.47	2.65	8.88	107	1875	9.02	5.18	10.40	240	2875	5.09	-1.02	5.19	281
900	-8.49	2.93	8.98	109	1900	8.18	5.19	9.69	237	2900	5.23	-1.11	5.35	282
925	-7.70	3.03	8.28	111	1925	7.81	5.54	9.58	234	2925	5.59	-1.36	5.75	284
950	-7.27	3.63	8.13	116	1950	5.97	4.80	7.66	231	2950	5.81	-1.50	6.00	284
975	-6.96	4.44	8.26	122	1975	5.02	4.50	6.74	228	2975	5.91	-1.56	6.12	285
1000	-5.63	4.09	6.96	126	2000	4.64	4.64	6.56	225	3000	5.87	-1.56	6.08	285
1025	-4.38	3.27	5.47	127	2025	4.78	5.10	6.99	223	3025	5.92	-1.66	6.15	286
1050	-3.62	2.66	4.50	126	2050	4.55	5.14	6.86	221	3050	5.88	-1.71	6.13	286
1075	-2.96	2.15	3.66	126	2075	3.85	4.93	6.26	218	3075	5.82	-1.66	6.05	286
1100	-2.34	1.85	2.98	128	2100	3.48	4.90	6.00	215	3100	5.81	-1.67	6.05	286
1125	-1.48	1.51	2.12	135	2125	3.24	5.03	5.98	213	3125	5.86	-1.59	6.07	285
1150	-0.45	0.93	1.04	154	2150	3.09	5.15	6.01	211	3150	5.96	-1.52	6.15	284
1175	0.75	0.20	0.77	255	2175	2.85	4.91	5.58	208	3175	5.95	-1.48	6.13	284

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0978 02/16/65, 0701Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	6.08	-1.42	6.25	283	4200	6.54	0.42	6.55	266	5200	7.01	3.33	7.76	244
3225	6.26	-1.25	6.39	281	4225	6.63	0.43	6.65	266	5225	7.04	3.64	7.92	242
3250	6.33	-0.97	6.40	279	4250	6.83	0.43	6.84	266	5250	7.16	3.96	8.18	241
3275	6.35	-0.74	6.40	276	4275	6.86	0.62	6.89	265	5275	7.41	4.38	8.61	239
3300	6.33	-0.65	6.37	276	4300	6.89	0.78	6.94	263	5300	7.46	4.59	8.76	238
3325	6.37	-0.72	6.41	276	4325	7.31	1.15	7.40	261	5325	7.32	4.71	8.70	237
3350	6.32	-0.78	6.36	277	4350	7.53	1.47	7.67	259	5350	7.66	5.11	9.21	236
3375	6.01	-0.89	6.08	278	4375	7.24	1.78	7.45	256	5375	7.64	5.41	9.36	235
3400	6.12	-1.11	6.22	280	4400	6.59	1.89	6.85	254	5400	7.61	5.78	9.55	233
3425	6.66	-1.46	6.82	282	4425	6.29	1.55	6.48	256	5425	7.47	5.96	9.56	231
3450	7.21	-2.01	7.49	285	4450	6.09	1.19	6.20	259	5450	7.47	6.49	9.90	229
3475	7.73	-2.65	8.17	289	4475	5.84	0.80	5.90	262	5475	7.62	6.84	10.24	228
3500	7.84	-3.23	8.48	292	4500	5.87	0.48	5.89	265	5500	7.34	6.93	10.09	226
3525	7.69	-3.68	8.52	295	4525	5.50	0.24	5.51	267	5525	7.49	7.70	10.74	224
3550	7.71	-4.04	8.71	297	4550	5.20	0.17	5.20	268	5550	7.26	7.96	10.77	222
3575	7.82	-4.32	8.94	299	4575	5.21	0.26	5.22	267	5575	6.62	8.08	10.45	219
3600	7.69	-4.56	8.94	300	4600	5.29	0.33	5.30	266	5600	6.17	8.52	10.52	216
3625	7.84	-5.08	9.34	303	4625	5.12	0.53	5.15	264	5625	5.59	8.48	10.16	213
3650	7.89	-5.30	9.51	304	4650	4.92	0.76	4.98	261	5650	5.11	8.14	9.61	212
3675	7.78	-5.26	9.39	304	4675	4.95	0.89	5.03	260	5675	4.90	7.92	9.31	212
3700	7.81	-5.21	9.39	304	4700	5.06	1.02	5.17	258	5700	4.85	7.72	9.12	212
3725	8.05	-5.20	9.59	303	4725	5.30	1.09	5.41	258	5725	4.77	7.40	8.80	213
3750	8.55	-5.17	9.99	301	4750	5.36	1.11	5.47	258	5750	4.77	7.40	8.81	213
3775	8.86	-4.80	10.08	298	4775	5.33	1.19	5.46	257	5775	4.79	7.69	9.06	212
3800	9.21	-4.67	10.33	297	4800	5.60	1.17	5.72	258	5800	4.72	7.80	9.12	211
3825	9.39	-4.68	10.49	296	4825	5.73	1.22	5.86	258	5825	4.71	7.71	9.04	211
3850	9.35	-4.64	10.44	296	4850	5.97	1.39	6.13	257	5850	4.81	7.46	8.88	213
3875	9.38	-4.68	10.49	296	4875	6.27	1.54	6.46	256	5875	5.01	7.72	9.20	213
3900	9.66	-4.83	10.80	296	4900	6.27	1.60	6.47	256	5900	5.02	7.98	9.43	212
3925	9.89	-4.90	11.04	296	4925	6.18	1.42	6.34	257	5925	4.97	8.22	9.61	211
3950	9.89	-4.84	11.02	296	4950	6.17	1.28	6.30	258	5950	5.03	8.73	10.07	210
3975	9.93	-4.86	11.06	296	4975	6.14	1.29	6.28	258	5975	5.04	8.98	10.30	209
4000	9.54	-4.54	10.56	295	5000	6.10	1.51	6.29	256	6000	4.97	9.04	10.32	209
4025	8.82	-4.13	9.74	295	5025	6.11	1.72	6.35	254	6025	4.94	9.23	10.47	208
4050	8.11	-3.59	8.87	294	5050	6.19	1.73	6.43	254	6050	5.04	9.31	10.59	208
4075	7.40	-2.99	7.98	292	5075	6.36	1.86	6.62	254	6075	5.01	9.02	10.32	209
4100	7.01	-2.68	7.51	291	5100	6.56	1.96	6.85	253	6100	5.19	9.16	10.53	209
4125	6.50	-1.68	6.71	284	5125	6.63	1.99	6.93	253	6125	5.25	9.27	10.66	209
4150	5.92	-0.48	5.94	274	5150	6.67	2.18	7.01	252	6150	5.01	9.04	10.33	209
4175	6.16	0.15	6.16	268	5175	6.91	2.74	7.44	248	6175	4.97	8.96	10.25	209

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-30 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 0978 02/16/65, 0701Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	5.15	9.31	10.64	209	7200	8.01	6.38	10.24	231	8200	15.27	-1.36	15.33	275
6225	5.23	9.44	10.79	209	7225	8.63	6.25	10.66	234	8225	14.83	-1.34	14.89	275
6250	5.05	9.12	10.42	209	7250	9.03	5.87	10.77	237	8250	14.68	-1.30	14.74	275
6275	4.94	9.20	10.45	208	7275	9.31	5.59	10.85	239	8275	14.73	-1.42	14.80	275
6300	4.82	9.40	10.56	207	7300	9.82	5.31	11.17	241	8300	14.38	-1.47	14.45	276
6325	4.55	9.43	10.48	206	7325	10.17	4.88	11.28	244	8325	13.65	-1.15	13.70	275
6350	4.43	9.37	10.36	205	7350	10.31	4.21	11.13	248	8350	13.59	-0.71	13.61	273
6375	4.81	9.43	10.59	207	7375	10.49	3.79	11.15	250	8375	14.15	-0.47	14.15	272
6400	4.92	9.11	10.35	208	7400	10.65	3.88	11.34	250	8400	13.64	-0.16	13.64	271
6425	4.63	8.62	9.78	208	7425	10.52	3.92	11.22	249	8425	12.94	0.25	12.94	269
6450	4.67	8.51	9.70	209	7450	10.41	3.63	11.02	251	8450	12.49	0.42	12.49	268
6475	4.84	8.49	9.77	209	7475	10.82	3.27	11.31	253	8475	12.05	0.44	12.06	268
6500	5.01	8.48	9.85	210	7500	11.10	2.92	11.48	255	8500	12.03	0.40	12.04	268
6525	5.18	8.40	9.87	211	7525	11.79	2.70	12.10	257	8525	11.99	0.20	11.99	269
6550	5.46	8.39	10.01	213	7550	12.20	2.36	12.43	259	8550	12.02	-0.11	12.02	270
6575	5.92	8.47	10.33	215	7575	11.80	1.71	11.92	262	8575	12.14	-0.55	12.15	272
6600	6.24	8.34	10.42	217	7600	12.46	1.18	12.52	264	8600	12.34	-0.95	12.37	274
6625	6.25	8.08	10.22	218	7625	13.00	0.81	13.03	266	8625	12.85	-1.22	12.91	275
6650	6.57	8.30	10.59	218	7650	13.50	0.31	13.50	268	8650	13.36	-1.23	13.41	275
6675	6.67	8.33	10.67	219	7675	14.13	0.01	14.13	270	8675	13.24	-1.24	13.29	275
6700	6.33	7.93	10.15	218	7700	14.21	-0.31	14.22	271	8700	13.52	-1.60	13.61	277
6725	6.55	7.87	10.24	220	7725	14.70	-0.65	14.71	272	8725	14.24	-2.07	14.39	278
6750	6.90	7.93	10.52	221	7750	15.16	-0.89	15.18	273	8750	14.37	-2.45	14.57	280
6775	7.06	7.99	10.66	221	7775	14.84	-1.02	14.87	274	8775	14.20	-2.79	14.47	281
6800	7.27	8.04	10.84	222	7800	15.09	-1.24	15.14	275	8800	14.31	-3.02	14.63	282
6825	7.54	7.86	10.89	224	7825	15.78	-1.33	15.83	275	8825	14.50	-3.14	14.84	282
6650	7.70	7.51	10.76	226	7850	15.79	-1.34	15.84	275	8850	14.52	-3.30	14.89	283
6875	7.90	7.32	10.77	227	7875	15.80	-1.38	15.86	275	8875	14.55	-3.66	15.00	284
6900	8.19	7.14	10.86	229	7900	15.85	-1.38	15.91	275	8900	14.91	-4.07	15.45	285
6925	8.20	7.02	10.80	229	7925	15.65	-1.43	15.72	275	8925	14.64	-4.18	15.22	286
6950	8.47	7.28	11.17	229	7950	16.11	-1.37	16.16	275	8950	14.37	-4.34	15.01	287
6975	8.31	7.09	10.92	229	7975	16.79	-1.26	16.83	274	8975	14.75	-4.56	15.44	287
7000	8.55	7.14	11.14	230	8000	17.04	-1.18	17.08	274	9000	14.53	-4.63	15.25	287
7025	8.72	7.54	11.53	229	8025	17.45	-1.03	17.48	273	9025	14.68	-5.09	15.53	289
7050	8.05	7.55	11.04	227	8050	17.59	-1.06	17.62	273	9050	14.86	-5.52	15.85	290
7075	7.90	7.65	11.00	226	8075	16.97	-1.22	17.02	274	9075	14.64	-5.65	15.70	291
7100	7.82	7.54	10.86	226	8100	16.74	-1.38	16.80	275	9100	14.71	-6.25	15.98	293
7125	7.83	7.26	10.68	227	8125	16.60	-1.49	16.67	275	9125	15.24	-7.21	16.86	295
7150	7.92	7.03	10.58	228	8150	15.47	-1.47	15.54	275	9150	15.60	-7.87	17.48	297
7175	7.75	6.63	10.20	229	8175	15.17	-1.39	15.24	275	9175	15.70	-8.21	17.72	297

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 0978 02/16/65, 0701Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	15.95	-8.39	18.02	298	10200	29.87	2.15	29.95	266	11200	36.98	4.75	37.29	263
9225	16.36	-8.44	18.41	297	10225	29.51	2.77	29.64	264	11225	37.40	4.80	37.71	263
9250	16.62	-8.01	18.45	296	10250	29.77	3.24	29.94	264	11250	36.97	4.88	37.29	262
9275	17.11	-7.61	18.72	294	10275	29.64	3.38	29.83	263	11275	36.08	5.04	36.43	262
9300	17.41	-7.40	18.92	293	10300	29.83	2.97	29.98	264	11300	36.37	5.31	36.76	262
9325	17.18	-7.14	18.61	292	10325	29.54	2.75	29.66	264	11325	37.50	5.46	37.90	262
9350	17.11	-6.77	18.40	291	10350	29.26	2.98	29.41	264	11350	36.40	5.38	36.80	261
9375	17.36	-6.51	18.54	290	10375	28.52	3.02	28.68	264	11375	36.13	5.31	36.51	261
9400	17.72	-6.24	18.79	289	10400	28.11	3.13	28.29	263	11400	36.70	5.21	37.07	262
9425	17.44	-5.81	18.38	288	10425	28.69	3.40	28.89	263	11425	36.10	5.18	36.47	262
9450	17.43	-5.69	18.33	288	10450	29.66	3.39	29.85	263	11450	36.13	5.44	36.54	261
9475	17.72	-5.74	18.63	288	10475	30.66	3.22	30.83	264	11475	35.24	5.54	35.67	261
9500	17.69	-5.27	18.46	286	10500	30.22	2.78	30.35	265	11500	34.44	5.73	34.92	260
9525	17.45	-4.88	18.12	285	10525	29.89	2.56	30.00	265	11525	35.91	6.04	36.41	260
9550	17.78	-5.04	18.48	286	10550	30.61	2.94	30.75	264	11550	35.75	6.04	36.26	260
9575	18.60	-4.92	19.24	285	10575	30.54	3.11	30.70	264	11575	34.84	6.01	35.36	260
9600	18.32	-4.25	18.80	283	10600	31.08	3.23	31.25	264	11600	35.14	6.12	35.67	260
9625	18.52	-3.61	18.87	281	10625	32.13	3.35	32.31	264	11625	33.96	6.28	34.54	259
9650	19.32	-3.17	19.58	279	10650	32.34	3.18	32.49	264	11650	34.27	6.55	34.89	259
9675	19.69	-2.69	19.87	278	10675	33.13	2.93	33.26	265	11675	35.82	6.88	36.48	259
9700	20.25	-2.39	20.39	277	10700	33.67	2.85	33.79	265	11700	35.55	7.13	36.26	258
9725	20.99	-2.30	21.12	276	10725	33.24	2.77	33.35	265	11725	34.85	7.15	35.57	258
9750	21.60	-2.23	21.71	276	10750	34.31	3.32	34.47	264	11750	34.79	7.20	35.53	258
9775	22.34	-2.21	22.45	275	10775	34.68	4.22	34.94	263	11775	34.96	7.47	35.75	258
9800	23.26	-2.19	23.36	275	10800	34.05	4.96	34.41	262	11800	34.59	7.55	35.41	258
9825	24.14	-1.97	24.22	274	10825	33.76	5.11	34.15	261	11825	34.76	8.18	35.71	257
9850	24.80	-1.70	24.86	274	10850	33.73	5.05	34.10	261	11850	34.77	8.66	35.83	256
9875	25.78	-1.53	25.82	273	10875	34.49	5.17	34.88	261	11875	34.43	8.32	35.42	256
9900	27.17	-1.23	27.20	272	10900	34.74	4.96	35.09	262	11900	34.42	8.51	35.45	256
9925	28.09	-1.14	28.11	272	10925	35.26	4.59	35.56	262	11925	34.93	9.19	36.12	255
9950	28.40	-1.27	28.43	272	10950	35.80	4.21	36.05	263	11950	34.49	9.68	35.82	254
9975	29.47	-1.24	29.50	272	10975	36.06	3.84	36.26	264	11975	33.46	9.97	34.91	253
10000	30.91	-1.21	30.93	272	11000	36.27	3.51	36.44	264	12000	33.25	10.21	34.79	253
10025	31.13	-1.02	31.14	272	11025	36.78	3.54	36.95	264	12025	32.91	10.24	34.47	253
10050	30.83	-0.56	30.84	271	11050	37.23	3.82	37.43	264	12050	32.65	10.76	34.38	252
10075	31.05	0.15	31.05	270	11075	37.16	3.86	37.35	264	12075	33.91	11.64	35.85	251
10100	31.56	0.76	31.57	268	11100	37.19	3.85	37.39	264	12100	32.93	11.50	34.88	251
10125	30.56	1.18	30.58	268	11125	37.34	4.08	37.56	264	12125	32.25	12.14	34.46	249
10150	30.51	1.53	30.55	267	11150	37.52	4.26	37.76	263	12150	32.31	12.80	34.75	248
10175	31.05	1.72	31.10	267	11175	36.98	4.51	37.25	263	12175	31.02	12.68	33.51	248

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-30 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0978 02/16/65, 0701Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	30.97	13.01	33.59	247	13200	26.06	11.09	28.32	247	14200	25.33	9.64	27.11	249
12225	29.55	12.89	32.23	246	13225	25.97	10.75	28.11	247	14225	25.58	9.83	27.40	249
12250	29.63	13.46	32.54	245	13250	25.80	10.45	27.83	248	14250	26.34	10.28	28.27	248
12275	29.65	13.91	32.75	245	13275	26.36	10.49	28.37	248	14275	26.66	10.41	28.62	248
12300	28.62	14.02	31.87	244	13300	26.67	10.56	28.68	248	14300	26.41	10.47	28.41	248
12325	27.38	13.93	30.72	243	13325	26.25	10.32	28.21	248	14325	26.16	10.52	28.20	248
12350	26.91	14.66	30.64	241	13350	26.35	10.07	28.21	249	14350	26.63	10.40	28.59	248
12375	27.31	15.52	31.41	240	13375	26.64	9.94	28.43	249	14375	27.30	10.50	29.25	249
12400	26.11	15.34	30.28	239	13400	26.63	9.61	28.31	250	14400	26.75	10.48	28.73	248
12425	25.11	15.23	29.37	239	13425	26.47	9.31	28.06	250	14425	27.73	10.99	29.83	248
12450	25.68	16.11	30.31	238	13450	26.48	9.16	28.02	251	14450	28.44	11.65	30.73	248
12475	25.30	15.99	29.93	238	13475	26.80	9.21	28.34	251	14475	28.13	12.15	30.64	246
12500	24.92	15.39	29.29	238	13500	26.65	9.12	28.17	251	14500	27.49	11.80	29.92	247
12525	24.83	15.25	29.14	238	13525	26.31	9.14	27.85	251	14525	27.64	11.77	30.04	247
12550	24.84	15.02	29.03	239	13550	25.87	8.99	27.39	251	14550	29.11	12.56	31.70	246
12575	25.38	14.98	29.47	239	13575	25.98	8.90	27.46	251	14575	28.51	12.30	31.05	246
12600	25.00	14.35	28.82	240	13600	25.56	8.87	27.05	251	14600	28.21	12.40	30.81	246
12625	25.06	13.76	28.59	241	13625	25.81	9.01	27.34	251	14625	28.32	12.53	30.97	246
12650	25.35	13.12	28.54	242	13650	26.50	9.26	28.07	251	14650	28.18	12.30	30.75	246
12675	25.65	12.54	28.55	244	13675	25.52	8.83	27.01	251	14675	26.98	12.13	29.58	246
12700	25.70	12.08	28.40	245	13700	25.57	8.72	27.01	251	14700	27.55	12.54	30.27	245
12725	26.07	11.90	28.66	245	13725	26.18	9.21	27.76	250	14725	28.21	12.89	31.02	245
12750	26.60	12.05	29.20	245	13750	25.97	9.08	27.51	251	14750	26.69	12.75	29.58	244
12775	26.55	11.86	29.08	246	13775	25.46	8.85	26.95	251	14775	26.50	12.58	29.33	244
12800	26.68	11.63	29.11	246	13800	25.78	9.09	27.33	250	14800	26.49	12.03	29.09	245
12825	26.93	11.48	29.27	247	13825	26.01	8.95	27.51	251	14825	27.09	12.06	29.65	246
12850	27.01	11.10	29.20	247	13850	25.81	8.90	27.30	251	14850	27.04	12.04	29.60	246
12875	25.92	10.36	27.91	248	13875	26.19	9.20	27.76	250	14875	27.00	12.22	29.64	245
12900	26.67	10.82	28.78	248	13900	26.09	8.93	27.57	251	14900	27.17	12.27	29.81	246
12925	26.77	10.96	28.93	248	13925	25.91	8.80	27.36	251	14925	27.02	11.90	29.52	246
12950	26.19	10.88	28.36	247	13950	25.77	8.99	27.29	251	14950	27.21	11.90	29.70	246
12975	26.43	11.25	28.72	247	13975	25.12	8.54	26.54	251	14975	27.21	11.85	29.68	246
13000	25.59	11.05	27.88	246	14000	25.93	8.83	27.39	251	15000	27.43	11.93	29.91	246
13025	25.99	11.50	28.42	246	14025	26.46	9.44	28.10	250	15025	27.69	12.09	30.22	246
13050	25.97	11.48	28.39	246	14050	25.96	9.52	27.65	250	15050	26.75	12.17	29.39	245
13075	25.72	11.14	28.02	246	14075	25.38	9.50	27.10	249	15075	27.60	12.77	30.41	245
13100	25.42	10.91	27.66	247	14100	25.96	9.66	27.70	249	15100	27.19	12.57	29.95	245
13125	25.81	11.15	28.12	246	14125	26.10	9.55	27.79	250	15125	27.80	12.53	30.50	246
13150	26.14	11.31	28.48	246	14150	26.02	9.37	27.65	250	15150	28.95	13.01	31.74	246
13175	25.87	11.20	28.19	246	14175	26.22	9.64	27.94	250	15175	27.61	12.55	30.33	245

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 0978 02/16/65, 0701Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	27.93	12.57	30.63	246	16200	16.06	8.11	18.00	243	17200	19.08	6.66	20.20	251
15225	28.29	12.54	30.95	246	16225	15.09	7.75	16.96	243	17225	18.73	5.92	19.64	252
15250	28.30	12.53	30.95	246	16250	14.89	8.57	17.18	240	17250	18.33	5.51	19.14	253
15275	28.12	12.10	30.61	247	16275	15.40	9.00	17.84	240	17275	18.39	4.84	19.01	255
15300	29.22	11.71	31.48	248	16300	13.52	7.75	15.58	240	17300	18.86	4.63	19.42	256
15325	28.47	11.17	30.59	248	16325	14.97	8.22	17.08	241	17325	18.89	4.83	19.50	255
15350	28.17	10.83	30.18	249	16350	17.00	9.44	19.45	241	17350	18.75	4.45	19.27	256
15375	28.23	10.57	30.14	249	16375	16.94	9.08	19.23	242	17375	18.68	3.63	19.03	259
15400	27.06	9.99	28.84	250	16400	16.87	8.31	18.81	244	17400	18.45	3.49	18.78	259
15425	25.97	9.77	27.74	249	16425	18.06	8.45	19.94	245	17425	18.33	3.47	18.65	259
15450	25.75	10.08	27.65	248	16450	18.46	8.92	20.50	244	17450	18.36	3.11	18.63	260
15475	26.02	10.93	28.22	247	16475	17.44	8.97	19.61	243	17475	19.10	2.26	19.23	263
15500	24.67	11.11	27.05	246	16500	17.80	9.67	20.26	241	17500	19.31	1.82	19.40	264
15525	24.36	11.62	26.99	244	16525	18.02	10.10	20.66	241	17525	19.25	1.37	19.30	266
15550	23.40	11.91	26.25	243	16550	18.16	9.91	20.68	241	17550	19.20	0.90	19.22	267
15575	23.26	12.28	26.30	242	16575	18.32	9.89	20.82	241	17575	19.28	0.90	19.30	267
15600	23.39	12.62	26.58	241	16600	18.32	10.24	20.99	241	17600	18.74	0.94	18.76	267
15625	23.25	12.87	26.57	241	16625	18.46	10.40	21.19	240	17625	16.96	0.36	16.97	269
15650	23.06	13.06	26.50	240	16650	18.59	9.98	21.10	242	17650	16.52	-0.35	16.53	271
15675	23.01	13.21	26.53	240	16675	18.49	9.46	20.77	243	17675	16.19	-0.37	16.20	271
15700	22.02	12.90	25.52	239	16700	18.79	9.93	21.25	242	17700	15.22	-0.63	15.23	272
15725	22.30	13.50	26.07	239	16725	18.88	10.50	21.61	241	17725	14.46	-1.11	14.50	274
15750	23.40	14.36	27.46	238	16750	18.76	11.35	21.93	239	17750	13.98	-1.01	14.02	274
15775	22.94	14.12	26.94	238	16775	19.01	12.27	22.63	237	17775	13.32	-0.77	13.34	273
15800	22.90	12.56	26.11	241	16800	19.17	13.28	23.32	235					
15825	22.07	10.66	24.51	244	16825	19.56	14.08	24.10	234					
15850	22.61	9.73	24.62	247	16850	20.17	14.41	24.79	234					
15875	23.18	9.01	24.87	249	16875	20.62	14.44	25.18	235					
15900	22.53	7.49	23.74	251	16900	20.94	13.90	25.14	236					
15925	22.38	7.75	23.68	251	16925	21.26	13.25	25.05	238					
15950	21.86	7.73	23.19	250	16950	21.42	13.05	25.08	238					
15975	21.24	7.53	22.54	250	16975	21.30	12.67	24.78	239					
16000	21.12	7.37	22.37	251	17000	21.09	11.58	24.06	241					
16025	21.03	7.97	22.49	249	17025	21.34	10.77	23.90	243					
16050	20.51	8.19	22.09	248	17050	21.15	10.29	23.52	244					
16075	19.85	8.17	21.47	247	17075	19.96	9.62	22.15	244					
16100	18.98	8.58	20.83	245	17100	20.04	8.98	21.96	246					
16125	18.32	8.55	20.22	245	17125	20.27	8.69	22.05	247					
16150	17.82	8.56	19.77	244	17150	19.60	7.77	21.09	248					
16175	16.95	8.67	19.04	243	17175	19.28	7.29	20.61	249					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-31

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-2 02/24/65, 1521Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
350	8.08	8.43	11.68	224	1350	13.61	8.54	16.07	238	2350	16.47	7.18	17.96	246
375	8.20	9.27	12.37	221	1375	13.79	8.57	16.24	238	2375	16.62	7.14	18.09	247
400	8.23	9.72	12.74	220	1400	14.02	8.44	16.36	239	2400	16.74	7.02	18.15	247
425	8.03	9.73	12.61	219	1425	14.22	8.44	16.54	239	2425	16.80	6.79	18.12	248
450	7.94	9.50	12.38	220	1450	14.52	8.55	16.85	239	2450	16.94	6.63	18.20	248
475	8.21	9.15	12.29	222	1475	14.85	8.72	17.22	239	2475	17.02	6.68	18.29	248
500	8.61	8.85	12.35	224	1500	14.91	8.96	17.40	239	2500	17.01	6.59	18.24	249
525	9.05	8.44	12.37	227	1525	14.86	9.09	17.42	238	2525	17.10	6.52	18.30	249
550	9.33	8.02	12.31	229	1550	14.99	9.31	17.64	238	2550	16.93	6.71	18.21	248
575	9.33	7.79	12.15	230	1575	14.99	9.55	17.77	237	2575	16.75	6.73	18.06	248
600	9.26	7.65	12.01	230	1600	14.94	9.60	17.75	237	2600	16.94	6.71	18.22	248
625	9.25	7.55	11.94	231	1625	15.25	9.74	18.10	237	2625	16.92	6.66	18.18	248
650	9.42	7.37	11.96	232	1650	15.40	9.67	18.18	238	2650	16.88	6.65	18.15	248
675	9.77	7.15	12.11	234	1675	15.41	9.37	18.03	239	2675	17.15	6.81	18.45	248
700	10.00	6.99	12.20	235	1700	15.49	9.32	18.08	239	2700	17.29	6.84	18.59	248
725	10.21	6.82	12.28	236	1725	15.45	9.21	17.99	239	2725	17.17	6.88	18.50	248
750	10.45	6.80	12.47	237	1750	15.51	8.71	17.79	241	2750	17.10	6.87	18.43	248
775	10.71	6.89	12.74	237	1775	15.62	8.29	17.68	242	2775	17.17	6.71	18.44	248
800	11.40	6.96	13.36	238	1800	15.92	7.92	17.78	243	2800	17.28	6.78	18.56	248
825	12.04	7.02	13.94	240	1825	16.19	7.52	17.85	245	2825	17.30	6.63	18.53	249
850	12.30	7.08	14.19	240	1850	16.21	7.34	17.79	245	2850	17.33	6.40	18.47	250
875	12.36	7.37	14.39	239	1875	16.24	7.21	17.77	246	2875	17.34	6.51	18.52	249
900	12.35	7.46	14.43	239	1900	16.35	6.99	17.78	247	2900	17.24	6.60	18.46	249
925	12.47	7.30	14.45	239	1925	16.41	6.82	17.77	247	2925	17.47	6.62	18.68	249
950	12.50	7.30	14.47	240	1950	16.26	6.55	17.53	248	2950	17.63	6.88	18.92	248
975	12.72	7.16	14.60	240	1975	16.18	6.34	17.37	248	2975	17.46	7.14	18.86	248
1000	13.10	7.06	14.88	241	2000	16.03	6.41	17.26	248	3000	17.60	7.23	19.03	248
1025	13.12	7.12	14.92	241	2025	15.70	6.49	16.99	247	3025	17.90	7.45	19.39	247
1050	13.33	7.15	15.12	242	2050	15.51	6.63	16.86	247	3050	18.06	7.88	19.70	246
1075	13.81	7.42	15.68	242	2075	15.43	6.83	16.88	246	3075	18.01	8.29	19.83	245
1100	13.65	7.48	15.57	241	2100	15.43	6.86	16.89	246	3100	17.72	8.62	19.70	244
1125	13.44	7.41	15.35	241	2125	15.65	6.75	17.04	246	3125	17.04	9.06	19.30	242
1150	13.59	7.63	15.58	241	2150	16.06	6.93	17.49	246	3150	16.41	9.74	19.09	239
1175	13.48	7.77	15.56	240	2175	16.10	7.26	17.66	246	3175	16.56	10.42	19.56	238
1200	13.24	7.79	15.36	239	2200	15.91	7.23	17.48	245	3200	17.04	10.93	20.24	237
1225	13.05	7.69	15.15	239	2225	15.98	7.17	17.51	246	3225	17.41	11.22	20.71	237
1250	13.22	7.49	15.19	240	2250	15.93	7.18	17.47	246	3250	17.80	11.12	20.99	238
1275	13.45	7.63	15.46	240	2275	16.01	6.90	17.43	246	3275	18.11	11.05	21.22	238
1300	13.45	7.91	15.61	239	2300	16.43	6.69	17.74	248	3300	18.12	11.18	21.29	238
1325	13.52	8.21	15.82	239	2325	16.52	6.96	17.92	247	3325	18.03	11.21	21.23	238

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-2 02/24/65, 1521Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3350	17.91	11.51	21.29	237	4350	18.33	9.02	20.42	244	5350	22.06	12.66	25.43	240
3375	17.55	12.01	21.27	235	4375	18.45	8.81	20.45	244	5375	22.25	12.09	25.33	241
3400	17.13	12.17	21.01	234	4400	18.54	8.47	20.38	245	5400	22.28	11.66	25.15	242
3425	16.96	11.89	20.72	235	4425	18.80	8.34	20.56	246	5425	22.38	11.46	25.14	243
3450	17.03	11.59	20.60	236	4450	18.92	7.97	20.53	247	5450	22.55	11.11	25.13	244
3475	16.91	11.35	20.37	236	4475	19.31	7.71	20.79	248	5475	22.70	10.73	25.11	245
3500	16.23	11.03	19.62	236	4500	19.90	7.44	21.25	249	5500	22.94	10.66	25.30	245
3525	16.29	11.00	19.65	236	4525	19.69	6.93	20.87	250	5525	23.04	10.71	25.41	245
3550	16.24	10.78	19.50	236	4550	19.08	6.73	20.24	250	5550	22.92	10.64	25.27	245
3575	15.67	10.31	18.75	236	4575	18.88	6.83	20.08	250	5575	22.79	10.64	25.15	245
3600	15.73	10.07	18.68	237	4600	18.98	7.01	20.23	250	5600	22.94	10.35	25.17	246
3625	15.66	10.14	18.65	237	4625	18.93	7.26	20.27	249	5625	23.22	10.11	25.33	246
3650	15.49	10.06	18.47	237	4650	19.18	7.84	20.72	248	5650	23.26	10.39	25.48	246
3675	15.31	9.74	18.15	237	4675	19.74	8.45	21.47	247	5675	23.22	10.60	25.53	245
3700	15.27	9.34	17.90	238	4700	20.24	8.93	22.12	246	5700	23.32	10.49	25.57	246
3725	15.49	9.06	17.95	239	4725	20.43	9.42	22.50	245	5725	23.42	10.29	25.58	246
3750	15.70	8.96	18.07	240	4750	20.20	9.54	22.33	245	5750	23.52	10.35	25.70	246
3775	15.72	8.73	17.98	241	4775	20.19	9.31	22.24	245	5775	23.76	10.71	26.06	246
3800	15.62	8.72	17.89	241	4800	20.35	8.94	22.23	246	5800	24.12	11.03	26.52	245
3825	15.45	9.00	17.88	240	4825	20.42	8.82	22.24	246	5825	24.35	11.08	26.75	245
3850	15.47	9.20	18.00	239	4850	20.45	9.15	22.41	246	5850	23.96	11.25	26.47	245
3875	15.58	9.48	18.24	239	4875	20.37	9.65	22.54	244	5875	23.48	11.66	26.21	243
3900	15.66	9.59	18.36	238	4900	20.24	9.95	22.56	244	5900	23.69	12.24	26.67	242
3925	15.82	9.46	18.43	239	4925	20.38	10.14	22.76	243	5925	24.06	12.66	27.19	242
3950	15.92	9.50	18.54	239	4950	20.54	10.55	23.09	243	5950	24.47	13.17	27.79	242
3975	16.08	9.70	18.78	239	4975	20.40	11.06	23.20	241	5975	25.01	13.82	28.57	241
4000	16.09	9.68	18.78	239	5000	20.57	11.38	23.51	241	6000	25.18	14.59	29.10	240
4025	16.25	9.39	18.77	240	5025	21.11	11.51	24.04	241	6025	25.03	15.37	29.37	238
4050	16.66	9.08	18.97	241	5050	21.69	11.66	24.63	242	6050	24.68	15.72	29.26	237
4075	16.81	8.79	18.97	242	5075	22.26	11.98	25.28	242	6075	24.42	15.78	29.07	237
4100	16.65	8.62	18.75	242	5100	22.45	12.37	25.63	241	6100	24.24	15.89	28.99	237
4125	16.43	8.56	18.53	242	5125	22.45	12.65	25.77	240	6125	24.02	16.18	28.97	236
4150	16.51	8.81	18.72	242	5150	22.37	12.85	25.80	240	6150	23.96	16.10	28.87	236
4175	16.32	8.86	18.57	241	5175	22.09	13.22	25.74	239	6175	23.86	15.97	28.71	236
4200	16.23	8.42	18.28	242	5200	21.75	13.42	25.56	238	6200	23.79	15.81	28.56	236
4225	16.92	8.18	18.79	244	5225	21.31	13.58	25.27	237	6225	23.90	15.61	28.54	237
4250	17.61	8.35	19.49	244	5250	21.32	13.54	25.26	237	6250	23.75	15.74	28.49	236
4275	17.78	8.56	19.74	244	5275	21.92	13.40	25.69	238	6275	23.45	15.94	28.35	236
4300	17.79	8.69	19.80	244	5300	22.27	13.43	26.00	239	6300	23.39	16.17	28.44	235
4325	17.99	8.80	20.03	244	5325	22.08	13.11	25.68	239	6325	23.24	16.67	28.60	234

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-31 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-2 02/24/65, 1521Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6350	22.81	16.63	28.22	234	7350	33.46	12.00	35.54	250	8350	38.40	11.92	40.20	253
6375	22.38	16.32	27.70	234	7375	33.54	12.33	35.74	250	8375	38.34	11.68	40.09	253
6400	22.34	16.38	27.70	234	7400	33.77	12.29	35.93	250	8400	38.32	11.57	40.03	253
6425	22.30	16.45	27.71	233	7425	34.17	12.53	36.40	250	8425	38.12	11.53	39.82	253
6450	21.98	16.63	27.56	233	7450	34.41	12.74	36.69	249	8450	38.30	11.25	39.91	253
6475	21.74	16.69	27.40	232	7475	34.28	12.64	36.54	250	8475	38.53	11.15	40.11	254
6500	21.58	16.56	27.20	232	7500	34.21	12.73	36.51	249	8500	38.43	11.30	40.05	253
6525	21.56	16.27	27.01	233	7525	34.53	12.74	36.80	250	8525	38.36	11.28	39.99	253
6550	21.62	16.03	26.92	233	7550	34.65	12.88	36.97	249	8550	38.48	11.36	40.12	253
6575	21.81	15.92	27.00	234	7575	35.13	13.14	37.50	249	8575	38.78	11.33	40.40	254
6600	21.92	15.73	26.99	234	7600	35.74	13.09	38.06	250	8600	38.94	11.32	40.55	254
6625	22.15	15.75	27.18	234	7625	36.01	12.57	38.14	251	8625	38.91	11.35	40.53	254
6650	22.59	15.61	27.45	235	7650	35.81	12.63	37.97	250	8650	39.02	11.13	40.58	254
6675	22.88	15.28	27.51	236	7675	35.92	12.91	38.17	250	8675	39.33	11.14	40.88	254
6700	23.33	15.12	27.81	237	7700	36.18	12.64	38.33	251	8700	39.60	10.99	41.10	254
6725	24.10	15.10	28.44	238	7725	36.36	12.99	38.61	250	8725	39.71	10.79	41.15	255
6750	24.62	15.05	28.85	238	7750	36.84	13.07	39.09	250	8750	39.61	10.99	41.11	254
6775	24.85	14.98	29.01	239	7775	37.03	12.98	39.24	250	8775	39.82	10.95	41.30	254
6800	25.22	14.79	29.24	239	7800	37.24	12.95	39.43	251	8800	40.28	11.01	41.75	255
6825	25.53	14.65	29.44	240	7825	37.27	13.02	39.48	251	8825	40.53	11.26	42.06	254
6850	25.89	14.24	29.55	241	7850	37.18	13.52	39.56	250	8850	40.78	11.01	42.24	255
6875	26.17	13.84	29.60	242	7875	37.32	13.70	39.75	250	8875	41.03	10.91	42.46	255
6900	26.32	13.74	29.69	242	7900	37.38	13.75	39.83	250	8900	41.49	10.50	42.79	256
6925	26.48	13.29	29.63	243	7925	37.34	13.68	39.77	250	8925	42.08	9.94	43.24	257
6950	26.89	13.18	29.94	244	7950	37.62	13.54	39.99	250	8950	41.88	10.32	43.14	256
6975	27.64	13.18	30.62	244	7975	37.85	13.33	40.13	250	8975	41.88	10.57	43.20	256
7000	28.18	13.03	31.05	245	8000	37.93	13.17	40.15	251	9000	42.24	10.44	43.51	256
7025	28.65	13.21	31.55	245	8025	37.95	13.47	40.27	250	9025	42.35	10.40	43.61	256
7050	28.91	13.37	31.85	245	8050	38.07	13.43	40.37	250	9050	42.48	10.60	43.78	256
7075	28.98	13.20	31.84	245	8075	38.16	13.27	40.40	251	9075	42.24	10.70	43.57	256
7100	29.12	12.69	31.76	246	8100	38.29	12.99	40.43	251	9100	41.83	10.62	43.15	256
7125	29.57	12.37	32.06	247	8125	38.50	12.61	40.51	252	9125	41.72	10.78	43.09	255
7150	30.05	12.31	32.47	248	8150	38.38	12.60	40.40	252	9150	40.83	10.48	42.15	255
7175	30.82	11.81	33.01	249	8175	38.27	12.35	40.21	252	9175	39.76	10.50	41.12	255
7200	31.71	11.39	33.70	250	8200	38.27	12.41	40.23	252	9200	39.55	10.96	41.04	254
7225	32.34	11.34	34.27	250	8225	38.31	12.41	40.27	252	9225	39.41	11.38	41.02	254
7250	32.46	11.44	34.42	250	8250	38.32	12.17	40.21	252	9250	39.45	11.55	41.10	253
7275	32.33	11.70	34.38	250	8275	38.51	12.40	40.46	252	9275	39.63	11.11	41.16	254
7300	32.54	11.76	34.61	250	8300	38.54	12.42	40.49	252	9300	39.48	11.16	41.03	254
7325	33.11	11.67	35.10	250	8325	38.42	12.15	40.29	252	9325	39.29	12.07	41.10	253

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-2 02/24/65, 1521Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9350	39.55	12.13	41.37	253	10350	41.81	10.35	43.07	256	11350	40.95	12.00	42.67	253
9375	40.02	11.63	41.67	254	10375	41.90	10.22	43.13	256	11375	40.81	12.05	42.55	253
9400	40.12	11.81	41.82	253	10400	42.40	9.81	43.52	257	11400	40.80	11.27	42.32	254
9425	39.97	11.81	41.68	253	10425	42.81	9.90	43.94	257	11425	40.60	11.68	42.25	254
9450	39.71	11.61	41.37	254	10450	42.70	10.23	43.90	256	11450	40.37	11.90	42.09	253
9475	39.26	11.96	41.04	253	10475	42.63	10.11	43.81	256	11475	40.23	11.91	41.96	253
9500	39.09	12.25	40.97	252	10500	42.69	10.35	43.93	256	11500	40.25	12.11	42.03	253
9525	39.16	12.41	41.07	252	10525	42.83	10.11	44.01	257	11525	40.41	11.97	42.14	253
9550	39.26	12.64	41.24	252	10550	43.03	9.52	44.07	257	11550	40.57	11.82	42.26	254
9575	39.32	12.60	41.29	252	10575	42.58	9.81	43.70	257	11575	40.49	11.85	42.19	254
9600	39.27	12.47	41.20	252	10600	42.06	10.33	43.31	256	11600	40.10	12.56	42.02	252
9625	39.32	12.29	41.20	252	10625	42.38	9.98	43.54	257	11625	39.79	12.57	41.72	252
9650	39.24	12.27	41.11	252	10650	42.23	10.05	43.41	256	11650	39.61	12.27	41.47	253
9675	39.44	12.75	41.45	252	10675	42.21	10.10	43.40	256	11675	39.87	12.22	41.70	253
9700	39.32	12.78	41.35	252	10700	42.43	9.78	43.54	257	11700	40.00	12.30	41.85	253
9725	38.91	12.32	40.81	252	10725	42.54	9.83	43.66	257	11725	39.90	12.61	41.84	252
9750	38.75	12.65	40.76	252	10750	42.58	9.79	43.69	257	11750	39.66	12.75	41.65	252
9775	38.49	13.09	40.66	251	10775	42.65	10.02	43.81	257	11775	39.66	12.23	41.50	253
9800	38.83	13.30	41.04	251	10800	42.65	10.15	43.84	256	11800	39.69	12.43	41.60	252
9825	39.03	13.07	41.16	251	10825	42.65	9.95	43.80	257	11825	39.76	12.67	41.73	252
9850	39.12	12.68	41.12	252	10850	42.52	10.30	43.75	256	11850	39.85	13.40	42.04	251
9875	39.24	12.87	41.30	252	10875	42.40	10.37	43.65	256	11875	39.77	13.62	42.04	251
9900	39.46	12.82	41.49	252	10900	42.42	9.93	43.57	257	11900	39.66	12.13	41.47	253
9925	39.58	12.80	41.60	252	10925	42.02	10.29	43.26	256	11925	40.15	12.49	42.05	253
9950	39.73	12.86	41.76	252	10950	41.93	10.53	43.23	256	11950	40.37	12.64	42.31	252
9975	39.48	13.11	41.60	251	10975	41.99	10.10	43.19	256	11975	39.89	13.06	41.97	252
10000	39.30	12.78	41.33	252	11000	41.64	10.01	42.82	256	12000	39.79	13.77	42.11	251
10025	39.77	12.52	41.70	252	11025	41.38	9.95	42.56	256	12025	40.34	13.32	42.48	252
10050	39.73	12.81	41.75	252	11050	41.45	9.91	42.62	256	12050	40.31	13.52	42.52	251
10075	39.63	12.37	41.52	252	11075	41.49	10.14	42.71	256	12075	40.47	13.19	42.57	252
10100	39.54	12.44	41.45	252	11100	41.49	9.86	42.65	256	12100	40.46	13.20	42.56	252
10125	39.44	12.91	41.49	252	11125	41.57	9.74	42.70	257	12125	40.02	15.05	42.76	249
10150	39.31	12.60	41.28	252	11150	41.33	10.37	42.62	256	12150	40.65	14.70	43.23	250
10175	39.48	11.93	41.24	253	11175	41.37	10.81	42.76	255	12175	40.80	14.47	43.29	250
10200	39.86	11.26	41.42	254	11200	41.35	11.19	42.84	255	12200	40.31	15.22	43.09	249
10225	40.31	11.11	41.82	254	11225	41.22	11.24	42.72	255	12225	40.84	15.21	43.58	249
10250	40.53	11.26	42.06	254	11250	41.12	11.71	42.75	254	12250	41.62	14.83	44.18	250
10275	40.35	11.20	41.87	254	11275	41.21	11.71	42.84	254	12275	42.06	14.63	44.53	251
10300	40.81	10.84	42.22	255	11300	41.16	11.79	42.81	254	12300	42.30	15.03	44.90	250
10325	41.42	10.57	42.75	256	11325	40.94	12.13	42.70	253	12325	43.21	14.75	45.66	251

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-31 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1272-2 02/24/65, 1521Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12350	43.76	14.55	46.11	251										
12375	44.89	14.61	47.21	252										
12400	45.15	14.27	47.35	252										
12425	45.44	14.09	47.58	253										
12450	46.12	13.66	48.10	253										
12475	46.80	13.07	48.59	254										
12500	47.06	13.07	48.85	254										
12525	47.20	12.55	48.84	255										
12550	47.35	12.86	49.07	255										
12575	47.29	13.45	49.16	254										
12600	47.82	12.92	49.53	255										
12625	48.33	12.26	49.86	256										
12650	48.19	12.22	49.71	256										
12675	48.93	11.34	50.23	257										
12700	49.91	10.76	51.05	258										
12725	49.71	11.10	50.94	257										
12750	48.57	11.62	49.94	256										
12775	47.88	12.39	49.45	255										
12800	47.91	13.39	49.75	254										
12825	48.19	13.61	50.08	254										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNÈNT, WS = WINC SPEED, THETA = WINO DIRECTIØN

TABLE II-32

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-4 02/24/65, 2029Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	2.73	4.21	5.02	213	1175	8.77	12.87	15.58	214	2175	12.28	14.80	19.23	219
200	2.85	4.30	5.16	213	1200	8.88	12.98	15.73	214	2200	12.52	14.62	19.25	220
225	3.37	4.02	5.25	220	1225	9.16	13.17	16.04	215	2225	12.83	14.75	19.55	221
250	4.09	3.76	5.56	227	1250	9.55	13.59	16.61	215	2250	13.39	14.62	19.82	222
275	4.80	3.57	5.99	233	1275	10.08	14.03	17.27	216	2275	13.92	14.50	20.10	224
300	4.94	3.44	6.02	235	1300	10.28	14.47	17.75	215	2300	14.04	14.42	20.12	224
325	4.62	3.34	5.70	234	1325	10.24	14.67	17.89	215	2325	14.08	14.26	20.04	224
350	4.20	3.47	5.44	230	1350	10.11	14.48	17.66	215	2350	14.10	13.96	19.84	225
375	3.83	3.77	5.38	225	1375	10.22	14.45	17.69	215	2375	14.30	13.65	19.76	226
400	3.61	4.28	5.60	220	1400	10.58	14.53	17.97	216	2400	14.49	13.76	19.99	226
425	3.27	4.82	5.82	214	1425	10.55	14.40	17.85	216	2425	14.56	13.93	20.15	226
450	2.90	5.25	5.99	209	1450	10.68	14.40	17.93	216	2450	14.77	13.90	20.28	227
475	2.95	5.64	6.37	207	1475	10.82	14.64	18.21	216	2475	14.87	14.10	20.49	226
500	3.17	5.86	6.66	208	1500	10.67	14.75	18.21	216	2500	14.88	14.18	20.55	226
525	3.16	5.95	6.74	208	1525	10.74	14.74	18.24	216	2525	14.99	14.22	20.66	226
550	2.98	5.76	6.49	207	1550	10.95	14.95	18.53	216	2550	14.99	14.32	20.73	226
575	2.77	5.76	6.39	206	1575	11.03	15.12	18.72	216	2575	14.98	14.30	20.71	226
600	2.53	5.99	6.50	203	1600	10.85	15.01	18.52	216	2600	15.00	14.29	20.71	226
625	2.46	6.37	6.83	201	1625	10.86	15.09	18.60	216	2625	14.99	14.18	20.63	226
650	2.65	6.84	7.33	201	1650	11.00	15.37	18.90	215	2650	15.03	13.95	20.50	227
675	3.19	7.16	7.84	204	1675	10.81	15.34	18.77	215	2675	15.07	13.74	20.40	227
700	3.57	7.47	8.28	205	1700	10.63	15.11	18.48	215	2700	15.01	13.54	20.22	228
725	3.73	7.79	8.64	205	1725	10.72	14.81	18.28	216	2725	15.03	13.34	20.09	228
750	3.99	8.20	9.12	206	1750	10.78	14.61	18.15	216	2750	15.01	13.34	20.09	228
775	4.15	8.45	9.42	206	1775	10.87	14.55	18.16	217	2775	14.91	13.38	20.03	228
800	3.97	8.61	9.48	205	1800	11.05	14.56	18.28	217	2800	15.10	13.57	20.30	228
825	3.79	8.91	9.68	203	1825	11.11	14.67	18.40	217	2825	15.17	13.85	20.54	227
850	4.09	9.09	9.97	204	1850	11.17	14.58	18.37	217	2850	14.97	14.01	20.50	227
875	4.60	9.18	10.27	206	1875	11.18	14.52	18.32	217	2875	14.91	14.20	20.59	226
900	5.35	9.22	10.66	210	1900	11.14	14.69	18.44	217	2900	14.97	14.35	20.74	226
925	5.83	9.24	10.92	212	1925	11.23	14.90	18.66	217	2925	15.08	14.35	20.82	226
950	6.06	9.32	11.12	213	1950	11.19	15.04	18.75	216	2950	14.96	14.25	20.66	226
975	6.29	9.53	11.42	213	1975	11.11	15.13	18.77	216	2975	14.90	14.26	20.62	226
1000	6.44	9.84	11.76	213	2000	11.33	15.50	19.20	216	3000	14.97	14.36	20.74	226
1025	6.79	10.17	12.23	214	2025	11.60	15.70	19.53	216	3025	15.00	14.46	20.84	226
1050	7.28	10.94	13.14	213	2050	11.87	15.53	19.55	217	3050	15.18	14.49	20.98	226
1075	8.02	11.88	14.33	214	2075	12.16	15.44	19.65	218	3075	15.41	14.55	21.20	226
1100	8.68	12.40	15.14	215	2100	12.41	15.42	19.79	219	3100	15.72	14.57	21.43	227
1125	8.90	12.57	15.40	215	2125	12.56	15.62	20.04	219	3125	15.84	14.55	21.51	227
1150	8.89	12.64	15.45	215	2150	12.38	15.47	19.81	218	3150	15.97	14.75	21.74	227

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-4 02/24/65, 2029Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	16.11	14.80	21.88	227	4175	15.46	11.67	19.37	233	5175	17.72	15.96	23.85	228
3200	16.31	14.30	21.69	229	4200	15.42	11.88	19.46	232	5200	17.72	15.74	23.70	228
3225	16.63	13.96	21.72	230	4225	15.31	11.70	19.27	232	5225	17.99	15.80	23.95	229
3250	16.75	13.76	21.68	230	4250	14.87	11.77	18.96	231	5250	18.50	15.85	24.36	229
3275	16.74	13.85	21.72	230	4275	14.73	12.02	19.01	231	5275	18.81	15.60	24.44	230
3300	16.63	14.64	22.15	228	4300	15.03	12.23	19.38	231	5300	19.38	15.22	24.64	232
3325	16.26	14.96	22.09	227	4325	16.22	12.67	20.58	232	5325	20.20	14.93	25.11	233
3350	15.87	15.05	21.87	226	4350	17.56	12.67	21.65	234	5350	21.09	14.70	25.71	235
3375	15.98	15.59	22.32	226	4375	17.77	12.33	21.63	235	5375	21.83	14.45	26.18	236
3400	15.95	15.90	22.52	225	4400	17.59	11.95	21.27	236	5400	22.19	14.27	26.38	237
3425	15.62	16.03	22.38	224	4425	17.67	11.80	21.25	236	5425	22.49	14.11	26.55	238
3450	15.22	16.11	22.16	223	4450	17.86	11.84	21.43	236	5450	22.94	13.77	26.75	239
3475	15.01	16.15	22.04	223	4475	18.07	11.63	21.49	237	5475	23.30	13.54	26.95	240
3500	14.84	16.35	22.08	222	4500	18.24	11.30	21.46	238	5500	23.78	13.35	27.27	241
3525	14.65	16.35	21.95	222	4525	18.35	11.22	21.51	238	5525	24.29	13.17	27.63	241
3550	14.80	16.32	22.03	222	4550	18.32	11.26	21.50	238	5550	24.69	12.91	27.86	242
3575	14.80	16.48	22.15	222	4575	18.70	11.38	21.89	238	5575	24.91	12.74	27.98	243
3600	14.68	16.64	22.19	221	4600	19.23	11.84	22.58	238	5600	24.99	12.54	27.96	243
3625	14.68	16.78	22.30	221	4625	19.55	12.28	23.08	238	5625	25.15	12.53	28.09	243
3650	14.39	16.89	22.19	220	4650	19.59	12.56	23.28	237	5650	25.26	12.75	28.30	243
3675	14.16	16.71	21.90	220	4675	19.39	12.91	23.30	236	5675	25.35	13.01	28.49	243
3700	14.46	16.51	21.95	221	4700	19.59	13.24	23.64	236	5700	25.40	13.23	28.63	242
3725	14.61	16.42	21.98	221	4725	19.90	13.56	24.08	236	5725	25.33	13.47	28.69	242
3750	14.65	16.47	22.05	221	4750	20.00	13.71	24.25	235	5750	25.35	13.72	28.82	241
3775	14.72	16.45	22.07	222	4775	20.05	13.88	24.39	235	5775	25.44	14.19	29.13	241
3800	14.56	16.25	21.82	222	4800	20.27	14.22	24.76	235	5800	25.71	14.80	29.67	240
3825	14.45	15.85	21.45	222	4825	20.32	14.42	24.91	234	5825	26.07	15.36	30.26	239
3850	14.11	15.27	20.79	223	4850	20.29	14.65	25.03	234	5850	26.28	15.95	30.74	239
3875	13.76	14.82	20.22	223	4875	20.47	15.07	25.41	233	5875	26.33	16.50	31.07	238
3900	13.46	14.22	19.57	223	4900	20.61	15.20	25.60	233	5900	26.34	16.80	31.25	237
3925	13.22	13.80	19.11	224	4925	20.81	15.39	25.88	233	5925	26.32	17.00	31.33	237
3950	13.43	13.70	19.19	224	4950	20.83	15.52	25.98	233	5950	26.42	17.43	31.65	236
3975	13.69	13.41	19.16	225	4975	20.47	15.40	25.62	233	5975	26.52	17.92	32.01	236
4000	13.87	12.79	18.87	227	5000	20.04	15.37	25.25	232	6000	26.75	17.81	32.14	236
4025	14.35	12.50	19.03	229	5025	19.81	15.24	24.99	232	6025	27.00	17.52	32.19	237
4050	14.87	12.34	19.32	230	5050	19.21	15.26	24.53	231	6050	27.16	17.36	32.24	237
4075	15.14	11.90	19.25	232	5075	18.58	15.78	24.37	229	6075	27.61	17.21	32.54	238
4100	15.28	11.26	18.98	233	5100	18.31	16.35	24.55	228	6100	28.01	17.14	32.84	238
4125	15.35	11.03	18.90	234	5125	18.04	16.47	24.43	227	6125	28.18	17.41	33.12	238
4150	15.46	11.26	19.13	234	5150	17.80	16.32	24.15	227	6150	28.26	17.61	33.29	238

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-32 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-4 02/24/65, 2029Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	28.56	17.46	33.48	238	7175	28.51	14.80	32.13	242	8175	36.18	13.68	38.68	249
6200	28.70	17.52	33.62	238	7200	29.91	14.51	33.24	244	8200	35.91	14.07	38.57	248
6225	28.75	17.63	33.73	238	7225	30.41	14.51	33.70	244	8225	36.00	14.95	38.98	247
6250	28.95	17.69	33.92	238	7250	30.72	14.36	33.91	245	8250	36.69	15.04	39.65	248
6275	29.18	17.79	34.18	238	7275	31.30	14.33	34.42	245	8275	37.22	14.39	39.91	249
6300	29.38	17.81	34.36	239	7300	31.74	14.27	34.80	246	8300	37.66	14.55	40.37	249
6325	29.72	17.68	34.58	239	7325	32.26	13.93	35.14	246	8325	37.87	14.55	40.57	249
6350	29.60	17.80	34.54	239	7350	32.92	13.67	35.65	247	8350	38.32	13.66	40.68	250
6375	29.23	17.90	34.27	238	7375	33.53	13.90	36.30	247	8375	38.27	13.86	40.71	250
6400	29.31	18.03	34.41	238	7400	33.75	13.90	36.50	247	8400	38.14	13.77	40.55	250
6425	29.16	18.23	34.39	238	7425	34.02	13.23	36.50	249	8425	38.26	13.99	40.74	250
6450	28.75	18.52	34.20	237	7450	34.22	12.91	36.58	249	8450	38.48	13.94	40.93	250
6475	28.60	18.44	34.03	237	7475	34.13	12.62	36.39	250	8475	39.08	12.97	41.18	251
6500	28.98	18.06	34.15	238	7500	33.98	12.41	36.18	250	8500	39.63	12.75	41.63	252
6525	29.08	17.97	34.19	238	7525	34.34	12.57	36.57	250	8525	40.13	12.57	42.06	252
6550	29.05	17.69	34.02	238	7550	34.87	12.52	37.05	250	8550	41.21	12.01	42.92	254
6575	28.97	17.69	33.94	238	7575	34.95	12.49	37.12	250	8575	40.99	12.74	42.93	253
6600	28.88	17.56	33.80	239	7600	34.84	12.59	37.05	250	8600	40.78	12.96	42.79	252
6625	28.81	17.35	33.63	239	7625	34.92	12.43	37.06	250	8625	41.67	11.79	43.31	254
6650	28.57	17.47	33.49	238	7650	34.90	12.44	37.05	250	8650	41.16	12.58	43.04	253
6675	28.67	17.55	33.61	238	7675	34.93	12.16	36.98	251	8675	41.06	12.65	42.97	253
6700	28.78	17.53	33.70	238	7700	34.81	12.26	36.91	250	8700	41.17	12.49	43.02	253
6725	28.62	17.58	33.59	238	7725	34.45	12.66	36.71	250	8725	40.90	12.59	42.79	253
6750	28.42	17.41	33.33	238	7750	34.62	12.04	36.65	251	8750	41.15	12.60	43.04	253
6775	28.37	17.53	33.35	238	7775	34.67	12.23	36.76	250	8775	41.42	12.66	43.31	253
6800	28.27	17.53	33.27	238	7800	34.71	12.35	36.84	250	8800	41.17	12.90	43.14	252
6825	28.23	17.44	33.18	238	7825	34.97	12.25	37.05	251	8825	40.78	13.07	42.82	252
6850	28.18	17.59	33.22	238	7850	34.83	12.58	37.03	250	8850	40.72	12.42	42.57	253
6875	27.98	17.31	32.90	238	7875	34.99	12.46	37.15	250	8875	40.89	12.29	42.69	253
6900	27.73	17.36	32.71	238	7900	34.98	12.18	37.04	251	8900	40.57	13.17	42.66	252
6925	27.60	17.21	32.52	238	7925	34.65	12.24	36.75	250	8925	40.87	12.62	42.77	253
6950	27.50	17.03	32.35	238	7950	34.78	12.45	36.94	250	8950	41.76	12.64	43.64	253
6975	27.46	16.99	32.29	238	7975	34.95	12.59	37.15	250	8975	41.78	13.96	44.05	251
7000	27.38	16.81	32.13	238	8000	35.23	12.61	37.42	250	9000	42.69	13.33	44.72	252
7025	27.05	16.74	31.81	238	8025	35.49	12.61	37.66	250	9025	42.95	13.46	44.97	252
7050	27.02	16.20	31.50	239	8050	35.55	12.90	37.82	250	9050	42.59	14.03	44.85	252
7075	27.05	15.79	31.32	240	8075	36.06	13.12	38.37	250	9075	42.52	14.58	44.95	251
7100	27.11	15.46	31.21	240	8100	36.28	13.72	38.79	249	9100	43.00	14.36	45.33	251
7125	27.54	14.98	31.35	241	8125	36.24	13.64	38.73	249	9125	43.24	14.13	45.49	252
7150	27.63	15.02	31.45	241	8150	36.23	13.34	38.61	250	9150	42.82	14.79	45.30	251

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-4 02/24/65, 2029Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	42.95	14.77	45.42	251	10175	44.49	13.14	46.39	253	11175	47.43	14.10	49.48	253
9200	43.11	14.34	45.44	251	10200	44.67	13.11	46.56	253	11200	47.74	14.17	49.80	253
9225	43.10	14.27	45.40	251	10225	44.23	12.75	46.03	254	11225	47.83	13.79	49.78	254
9250	43.50	14.22	45.77	252	10250	43.84	13.51	45.88	253	11250	47.76	13.99	49.77	253
9275	43.79	14.04	45.99	252	10275	43.71	13.35	45.70	253	11275	48.36	13.68	50.26	254
9300	43.27	14.58	45.66	251	10300	43.53	13.88	45.69	252	11300	48.36	14.20	50.40	253
9325	43.44	14.43	45.77	251	10325	43.40	13.86	45.56	252	11325	48.51	14.70	50.69	253
9350	43.99	13.80	46.10	252	10350	43.98	12.90	45.83	253	11350	48.32	15.52	50.75	252
9375	44.38	13.57	46.41	253	10375	44.23	13.31	46.19	253	11375	48.28	15.30	50.65	252
9400	44.89	13.23	46.80	253	10400	44.67	13.47	46.66	253	11400	48.43	14.33	50.50	253
9425	45.58	13.36	47.50	253	10425	44.66	13.38	46.63	253	11425	48.37	14.93	50.62	253
9450	45.97	13.38	47.87	254	10450	44.84	13.18	46.73	253	11450	48.18	15.01	50.47	253
9475	45.96	13.32	47.85	254	10475	44.88	13.08	46.75	254	11475	48.48	14.86	50.70	253
9500	45.67	13.50	47.62	253	10500	44.97	13.49	46.95	253	11500	49.05	14.46	51.14	253
9525	45.80	13.36	47.71	254	10525	45.30	13.32	47.22	253	11525	49.43	13.87	51.34	254
9550	46.22	13.13	48.05	254	10550	45.24	13.29	47.15	253	11550	49.93	13.74	51.78	254
9575	46.39	13.07	48.20	254	10575	45.55	12.81	47.32	254	11575	50.25	13.61	52.06	255
9600	46.49	13.42	48.39	254	10600	45.30	12.81	47.08	254	11600	50.04	13.55	51.85	255
9625	46.54	13.65	48.50	253	10625	45.25	14.06	47.38	253	11625	50.33	13.12	52.01	255
9650	46.54	13.35	48.42	254	10650	45.40	14.15	47.55	253	11650	50.65	12.31	52.12	256
9675	46.56	13.35	48.43	254	10675	45.13	14.04	47.26	253	11675	50.61	11.34	51.86	257
9700	46.63	13.78	48.62	253	10700	45.98	13.00	47.78	254	11700	50.66	12.31	52.14	256
9725	46.67	13.67	48.63	253	10725	46.14	13.31	48.02	254	11725	50.74	12.34	52.22	256
9750	46.71	13.18	48.54	254	10750	45.83	14.19	47.98	253	11750	50.64	12.05	52.06	256
9775	47.09	13.48	48.98	254	10775	46.10	14.19	48.24	253	11775	50.33	13.03	51.99	255
9800	47.11	13.75	49.08	254	10800	46.72	14.12	48.81	253	11800	50.58	12.81	52.17	256
9825	46.66	13.94	48.70	253	10825	47.07	14.24	49.18	253	11825	50.62	12.67	52.18	256
9850	46.43	13.83	48.45	253	10850	47.17	14.21	49.26	253	11850	50.50	13.19	52.20	255
9875	46.14	13.89	48.18	253	10875	47.21	14.10	49.27	253	11875	50.33	13.25	52.05	255
9900	45.72	14.10	47.85	253	10900	47.20	14.35	49.33	253	11900	49.92	13.02	51.59	255
9925	45.49	14.11	47.63	253	10925	47.13	14.14	49.21	253	11925	50.11	13.67	51.94	255
9950	45.38	14.04	47.50	253	10950	46.61	14.18	48.72	253	11950	50.36	13.44	52.12	255
9975	45.26	14.26	47.46	252	10975	46.55	14.36	48.71	253	11975	50.43	12.98	52.07	255
10000	45.11	14.57	47.41	252	11000	46.69	14.42	48.86	253	12000	50.26	13.09	51.93	255
10025	45.05	14.38	47.29	252	11025	46.63	14.93	48.96	252	12025	50.35	13.85	52.22	254
10050	45.33	13.84	47.40	253	11050	46.79	14.79	49.07	252	12050	50.56	13.14	52.24	255
10075	45.26	13.70	47.28	253	11075	46.83	14.67	49.07	252	12075	50.98	12.05	52.39	257
10100	45.00	13.71	47.05	253	11100	47.15	14.31	49.27	253	12100	50.85	12.63	52.39	256
10125	44.80	13.93	46.91	253	11125	47.23	14.59	49.43	253	12125	51.22	11.53	52.51	257
10150	44.28	13.49	46.29	253	11150	47.54	14.09	49.59	253	12150	51.46	11.72	52.77	257

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-32 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-4 02/24/65, 2029Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	51.57	12.37	53.03	256	13175	51.56	12.49	53.05	256	14175	41.96	5.52	42.32	262
12200	51.63	12.34	53.09	256	13200	52.20	11.06	53.36	258	14200	42.26	4.83	42.54	263
12225	51.98	11.39	53.22	257	13225	52.36	10.71	53.45	258	14225	42.26	4.24	42.47	264
12250	53.11	11.41	54.32	258	13250	52.29	12.52	53.77	256	14250	41.42	5.79	41.82	262
12275	54.18	10.32	55.15	259	13275	52.97	11.53	54.21	258	14275	40.77	6.36	41.26	261
12300	55.00	8.26	55.61	261	13300	53.61	9.26	54.41	260	14300	41.37	6.12	41.82	261
12325	52.92	11.38	54.13	258	13325	52.68	11.53	53.93	257	14325	41.75	6.46	42.24	261
12350	52.76	11.25	53.95	258	13350	53.41	11.70	54.68	257	14350	42.17	6.83	42.72	261
12375	52.67	10.06	53.63	259	13375	53.78	10.81	54.85	258	14375	42.03	6.86	42.58	261
12400	52.56	10.67	53.63	258	13400	53.44	10.54	54.47	259	14400	41.34	8.33	42.17	258
12425	52.60	11.27	53.80	258	13425	53.10	10.27	54.08	259	14425	41.57	8.52	42.43	258
12450	51.73	13.01	53.35	256	13450	52.76	10.00	53.70	259	14450	41.49	9.79	42.63	257
12475	52.10	12.95	53.69	256	13475	52.42	9.73	53.32	259	14475	41.54	10.91	42.95	255
12500	52.23	13.05	53.84	256	13500	52.09	9.46	52.94	260	14500	41.96	11.18	43.42	255
12525	51.95	14.19	53.86	255	13525	51.75	9.19	52.56	260	14525	41.18	13.02	43.19	252
12550	52.71	13.50	54.41	255	13550	51.41	8.92	52.18	260	14550	41.27	13.76	43.50	251
12575	53.18	12.29	54.59	257	13575	51.07	8.65	51.80	260	14575	42.16	12.19	43.88	254
12600	53.08	12.69	54.58	256	13600	50.73	8.38	51.42	260	14600	42.47	13.47	44.56	252
12625	52.54	14.11	54.40	255	13625	50.40	8.11	51.05	261	14625	42.12	15.63	44.93	249
12650	52.75	13.21	54.38	256	13650	50.06	7.84	50.67	261	14650	42.76	13.36	44.80	252
12675	52.32	13.90	54.13	255	13675	49.72	7.57	50.29	261	14675	43.19	10.22	44.38	257
12700	52.78	13.69	54.52	255	13700	49.38	7.30	49.92	261	14700	41.82	12.08	43.52	254
12725	53.24	12.93	54.79	256	13725	49.05	7.03	49.55	262	14725	41.84	11.90	43.50	254
12750	52.98	13.23	54.61	256	13750	48.71	6.76	49.17	262	14750	41.85	11.73	43.47	254
12775	54.17	11.17	55.31	258	13775	48.37	6.49	48.80	262	14775	41.73	9.67	42.83	257
12800	54.61	11.21	55.75	258	13800	48.03	6.22	48.43	262	14800	41.31	10.63	42.66	255
12825	54.40	13.41	56.03	256	13825	47.69	5.95	48.06	263	14825	41.92	9.55	42.99	257
12850	54.53	13.66	56.21	256	13850	47.36	5.68	47.70	263	14850	42.53	7.14	43.13	260
12875	54.84	12.68	56.29	257	13875	48.73	2.09	48.77	267	14875	42.02	6.86	42.58	261
12900	53.97	14.70	55.94	255	13900	48.28	3.35	48.40	266	14900	41.12	8.76	42.05	258
12925	54.49	14.39	56.35	255	13925	46.79	5.69	47.14	263	14925	41.27	8.79	42.20	258
12950	54.97	13.09	56.51	256	13950	46.63	4.33	46.83	265	14950	41.48	8.01	42.25	259
12975	54.09	15.08	56.16	254	13975	45.33	4.69	45.57	264	14975	41.76	7.19	42.37	260
13000	54.12	15.08	56.18	254	14000	44.02	5.79	44.40	262	15000	41.72	7.46	42.38	260
13025	53.35	15.82	55.64	253	14025	43.38	6.89	43.92	261	15025	41.09	8.76	42.02	258
13050	53.25	14.52	55.19	255	14050	43.81	3.67	43.96	265	15050	41.28	7.44	41.94	260
13075	53.35	13.27	54.98	256	14075	43.85	3.66	44.00	265	15075	42.02	4.04	42.21	264
13100	53.23	12.83	54.76	256	14100	43.88	3.65	44.03	265	15100	40.78	6.26	41.25	261
13125	52.52	13.05	54.11	256	14125	43.33	4.85	43.60	263	15125	40.56	6.09	41.01	261
13150	51.90	13.51	53.63	255	14150	42.69	3.58	42.84	265	15150	40.83	4.51	41.08	264

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-4 02/24/65, 2029Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	40.64	5.93	41.08	262										
15200	41.34	6.05	41.78	261										
15225	41.85	5.14	42.16	263										
15250	40.83	6.65	41.37	261										
15275	40.28	7.45	40.96	259										
15300	40.10	6.31	40.60	261										
15325	40.00	4.01	40.20	264										
15350	39.34	7.31	40.01	259										
15375	38.26	9.65	39.46	256										
15400	39.63	4.58	39.90	263										
15425	39.93	6.65	40.48	260										
15450	39.57	7.27	40.23	259										
15475	40.41	6.68	40.96	260										
15500	40.14	8.44	41.01	258										
15525	40.48	7.05	41.09	260										
15550	40.67	4.88	40.96	263										
15575	39.87	8.32	40.73	258										
15600	39.63	8.56	40.55	258										
15625	39.98	6.75	40.54	260										
15650	39.80	6.45	40.31	261										
15675	39.61	6.14	40.09	261										
15700	38.11	7.22	38.78	259										
15725	38.15	7.30	38.85	259										
15750	38.20	7.38	38.91	259										
15775	38.25	7.46	38.97	259										
15800	38.43	7.44	39.14	259										
15825	38.81	7.10	39.45	259										
15850	37.89	7.86	38.70	258										
15875	36.16	6.58	36.76	260										
15900	37.86	6.45	38.41	260										
15925	37.74	6.56	38.31	260										
15950	37.63	6.67	38.21	260										
15975	35.92	2.12	35.98	266										
16000	36.72	4.82	37.03	262										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-33

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-5 02/24/65, 2150Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
400	0.48	4.76	4.79	186	1400	10.97	14.39	18.10	217	2400	14.47	15.88	21.49	222
425	0.37	4.67	4.68	184	1425	11.06	14.50	18.23	217	2425	14.55	15.87	21.53	222
450	0.42	4.68	4.70	185	1450	11.00	14.77	18.42	217	2450	14.84	16.03	21.84	223
475	0.61	4.92	4.95	187	1475	10.96	15.19	18.73	216	2475	15.18	16.26	22.24	223
500	0.74	5.55	5.60	187	1500	10.99	15.35	18.88	215	2500	15.30	16.22	22.30	223
525	1.08	6.03	6.12	190	1525	10.84	15.19	18.66	215	2525	15.49	16.07	22.32	224
550	1.80	7.25	7.47	194	1550	11.05	15.05	18.67	216	2550	15.61	15.97	22.33	224
575	2.29	8.66	8.96	195	1575	11.46	14.95	18.84	217	2575	15.70	15.99	22.41	224
600	2.54	8.88	9.24	196	1600	11.64	14.84	18.86	218	2600	15.80	15.92	22.43	225
625	2.91	8.70	9.18	198	1625	11.81	15.10	19.17	218	2625	15.71	15.87	22.33	225
650	3.21	8.47	9.05	201	1650	11.90	15.24	19.33	218	2650	15.66	15.77	22.23	225
675	3.33	8.58	9.20	201	1675	11.79	15.06	19.13	218	2675	15.80	15.60	22.20	225
700	3.50	8.83	9.50	201	1700	11.55	15.46	19.29	217	2700	15.86	15.52	22.19	225
725	3.96	9.04	9.87	203	1725	11.40	15.91	19.57	215	2725	15.93	15.54	22.25	226
750	4.11	9.49	10.34	203	1750	11.53	15.90	19.64	216	2750	15.97	15.49	22.25	226
775	4.28	9.82	10.71	203	1775	12.06	16.15	20.15	217	2775	15.90	15.33	22.09	226
800	4.84	10.29	11.38	205	1800	12.33	16.52	20.61	217	2800	15.93	15.41	22.16	226
825	5.09	10.63	11.78	205	1825	11.99	16.62	20.49	216	2825	15.84	15.70	22.30	225
850	5.67	11.04	12.41	207	1850	12.00	16.28	20.22	216	2850	15.69	15.66	22.17	225
875	6.37	11.97	13.56	208	1875	12.33	16.16	20.32	217	2875	15.43	15.49	21.86	225
900	7.04	12.61	14.45	209	1900	12.27	16.17	20.29	217	2900	14.87	15.39	21.40	224
925	7.88	12.89	15.10	211	1925	12.11	16.21	20.23	217	2925	14.42	15.39	21.09	223
950	8.17	12.86	15.24	212	1950	11.99	16.87	20.70	215	2950	14.25	15.32	20.92	223
975	7.88	12.77	15.01	211	1975	11.95	17.36	21.07	214	2975	13.93	15.49	20.83	222
1000	7.45	12.97	14.95	210	2000	12.03	17.14	20.94	215	3000	13.51	15.85	20.83	220
1025	7.36	13.31	15.21	209	2025	11.97	16.85	20.67	215	3025	13.03	16.13	20.73	219
1050	7.65	13.56	15.57	209	2050	12.07	16.52	20.46	216	3050	12.64	16.43	20.73	217
1075	7.79	13.66	15.73	209	2075	12.44	16.24	20.46	217	3075	12.59	16.45	20.72	217
1100	7.90	13.79	15.89	210	2100	12.81	16.24	20.68	218	3100	12.57	16.34	20.61	217
1125	8.21	13.96	16.20	210	2125	12.94	16.20	20.73	218	3125	12.40	16.22	20.41	217
1150	8.66	13.83	16.32	212	2150	13.08	16.15	20.78	219	3150	12.36	15.98	20.20	218
1175	9.13	13.56	16.35	214	2175	13.21	16.11	20.84	219	3175	12.57	15.92	20.28	218
1200	9.35	13.39	16.33	215	2200	13.35	16.06	20.89	220	3200	12.38	15.92	20.17	218
1225	9.50	13.36	16.40	215	2225	13.49	16.02	20.94	220	3225	12.02	15.82	19.87	217
1250	9.64	13.37	16.48	216	2250	13.62	15.98	20.99	220	3250	11.81	15.94	19.85	216
1275	9.72	13.48	16.62	216	2275	13.76	15.93	21.05	221	3275	11.48	15.91	19.62	216
1300	9.89	13.47	16.71	216	2300	13.89	15.89	21.10	221	3300	11.49	15.45	19.25	216
1325	10.20	13.65	17.04	217	2325	13.84	15.74	20.96	221	3325	11.80	15.07	19.14	218
1350	10.57	14.16	17.67	217	2350	14.08	15.84	21.19	221	3350	11.92	14.87	19.06	219
1375	10.84	14.29	17.93	217	2375	14.30	15.85	21.35	222	3375	12.00	14.56	18.87	219

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-5 02/24/65, 2150Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3400	12.02	14.42	18.78	220	4400	17.46	15.00	23.02	229	5400	20.06	18.68	27.41	227
3425	11.88	14.48	18.73	219	4425	17.65	14.73	22.99	230	5425	20.63	18.58	27.76	228
3450	11.80	14.31	18.55	219	4450	17.74	14.63	23.00	230	5450	21.14	18.24	27.92	229
3475	11.82	14.14	18.43	220	4475	18.34	14.75	23.54	231	5475	21.50	17.73	27.87	230
3500	11.74	14.28	18.49	219	4500	18.99	14.83	24.09	232	5500	22.00	17.41	28.05	231
3525	11.64	14.60	18.67	218	4525	19.56	14.67	24.46	233	5525	22.60	17.17	28.38	233
3550	11.56	14.96	18.90	218	4550	20.26	14.49	24.91	234	5550	22.90	16.89	28.45	233
3575	11.23	15.37	19.03	216	4575	20.83	14.68	25.48	235	5575	23.11	16.65	28.48	234
3600	10.92	15.41	18.89	215	4600	21.33	14.83	25.98	235	5600	23.43	16.70	28.77	234
3625	10.95	15.29	18.80	215	4625	21.52	14.90	26.17	235	5625	23.59	16.63	28.87	235
3650	11.02	15.70	19.18	215	4650	21.69	15.12	26.44	235	5650	23.77	16.43	28.89	235
3675	10.93	15.96	19.34	214	4675	21.64	15.65	26.70	234	5675	24.25	16.08	29.10	236
3700	10.70	15.71	19.01	214	4700	21.40	16.17	26.82	233	5700	24.87	15.56	29.33	238
3725	10.63	15.84	19.08	214	4725	21.22	16.45	26.85	232	5725	25.42	15.10	29.56	239
3750	10.57	16.02	19.19	213	4750	20.98	17.03	27.02	231	5750	25.76	14.78	29.70	240
3775	10.33	15.96	19.01	213	4775	20.72	17.43	27.08	230	5775	25.90	14.63	29.75	240
3800	10.28	15.95	18.97	213	4800	20.74	17.50	27.14	230	5800	26.05	14.34	29.73	241
3825	10.31	15.86	18.92	213	4825	20.87	17.88	27.48	229	5825	26.52	13.94	29.96	242
3850	10.27	15.70	18.76	213	4850	20.90	18.21	27.71	229	5850	27.46	13.72	30.70	243
3875	10.28	15.38	18.49	214	4875	20.78	18.61	27.89	228	5875	28.25	13.56	31.33	244
3900	10.33	15.15	18.33	214	4900	20.89	18.77	28.08	228	5900	28.67	13.50	31.69	245
3925	10.49	14.88	18.21	215	4925	20.65	19.07	28.10	227	5925	28.71	13.56	31.75	245
3950	10.91	14.41	18.08	217	4950	20.08	19.46	27.96	226	5950	29.03	13.51	32.02	245
3975	11.61	14.06	18.23	219	4975	20.11	19.52	28.03	226	5975	29.62	13.79	32.68	245
4000	12.11	13.69	18.28	221	5000	20.02	19.76	28.13	225	6000	29.78	14.22	33.01	244
4025	12.65	13.19	18.27	224	5025	19.77	20.14	28.22	224	6025	29.79	14.39	33.09	244
4050	13.20	13.11	18.60	225	5050	19.54	20.53	28.34	223	6050	29.84	14.47	33.17	244
4075	13.40	13.16	18.78	225	5075	19.33	20.61	28.25	223	6075	29.89	14.36	33.16	244
4100	13.33	12.96	18.59	226	5100	18.97	20.89	28.22	222	6100	30.02	13.94	33.10	245
4125	13.37	12.93	18.60	226	5125	18.75	20.99	28.15	222	6125	29.92	14.01	33.04	245
4150	13.49	13.11	18.81	226	5150	18.47	20.78	27.80	221	6150	29.72	14.63	33.12	244
4175	13.75	13.35	19.16	226	5175	18.26	20.84	27.71	221	6175	29.67	14.86	33.18	243
4200	14.27	13.33	19.52	227	5200	18.28	20.84	27.72	221	6200	29.80	15.12	33.42	243
4225	14.57	13.21	19.67	228	5225	18.39	20.66	27.66	221	6225	29.81	15.52	33.61	242
4250	14.67	13.23	19.76	228	5250	18.40	20.67	27.68	221	6250	29.67	15.84	33.63	242
4275	15.15	13.68	20.41	228	5275	18.46	20.34	27.47	222	6275	29.54	16.26	33.72	241
4300	15.61	14.54	21.33	227	5300	18.65	20.00	27.34	223	6300	29.46	16.42	33.73	241
4325	15.66	15.00	21.69	226	5325	18.70	19.97	27.36	223	6325	29.46	16.57	33.80	240
4350	16.15	14.99	22.04	227	5350	19.06	19.52	27.28	224	6350	29.21	17.07	33.83	240
4375	16.93	15.00	22.62	228	5375	19.54	18.98	27.24	226	6375	28.97	17.39	33.78	239

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-33 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1272-5 02/24/65, 2150Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6400	28.92	17.44	33.77	239	7400	32.06	14.08	35.02	246	8400	38.83	16.96	42.37	246
6425	28.76	17.55	33.69	238	7425	32.75	13.60	35.46	247	8425	38.63	16.91	42.17	246
6450	28.74	17.51	33.66	238	7450	33.42	12.89	35.82	249	8450	38.92	16.44	42.25	247
6475	28.70	17.26	33.49	239	7475	33.55	12.65	35.86	249	8475	38.85	16.37	42.16	247
6500	28.72	16.94	33.34	239	7500	33.37	12.90	35.78	249	8500	38.86	16.14	42.08	247
6525	28.90	16.70	33.38	240	7525	33.22	12.94	35.65	249	8525	39.24	15.75	42.29	248
6550	28.85	16.64	33.30	240	7550	33.01	12.88	35.44	249	8550	39.35	15.86	42.42	248
6575	28.95	16.43	33.29	240	7575	33.12	13.00	35.58	248	8575	39.26	16.05	42.42	248
6600	29.01	16.35	33.30	240	7600	33.23	13.30	35.79	248	8600	39.46	15.75	42.48	248
6625	28.84	16.43	33.19	240	7625	32.98	13.77	35.74	247	8625	40.22	15.01	42.93	249
6650	28.58	16.55	33.03	240	7650	33.35	14.04	36.18	247	8650	40.89	15.25	43.64	249
6675	28.41	16.71	32.96	239	7675	33.54	14.04	36.36	247	8675	41.50	15.55	44.31	249
6700	28.38	16.91	33.03	239	7700	33.16	13.78	35.91	247	8700	42.12	15.58	44.91	250
6725	28.24	17.20	33.07	238	7725	33.24	13.70	35.95	247	8725	42.62	15.54	45.36	250
6750	28.03	17.31	32.95	238	7750	33.32	13.94	36.11	247	8750	43.25	15.43	45.92	250
6775	27.81	17.11	32.65	238	7775	33.47	14.28	36.39	247	8775	43.50	15.60	46.21	250
6800	27.49	16.73	32.18	238	7800	33.69	14.44	36.65	247	8800	43.79	15.76	46.54	250
6825	27.48	16.54	32.07	239	7825	33.79	14.51	36.77	247	8825	44.30	15.74	47.01	250
6850	27.73	16.69	32.36	239	7850	34.19	14.87	37.28	246	8850	44.55	15.97	47.32	250
6875	27.60	16.64	32.23	239	7875	34.56	15.04	37.69	246	8875	44.89	16.34	47.77	250
6900	27.48	16.58	32.09	239	7900	35.02	15.10	38.13	246	8900	44.87	16.74	47.90	249
6925	27.44	16.46	32.00	239	7925	35.31	15.00	38.37	247	8925	44.99	16.55	47.94	250
6950	27.31	16.06	31.68	239	7950	34.99	14.84	38.01	247	8950	45.11	17.12	48.25	249
6975	27.13	15.91	31.45	239	7975	34.46	15.03	37.60	246	8975	44.99	17.54	48.29	249
7000	26.94	15.83	31.25	239	8000	34.44	15.17	37.63	246	9000	45.17	17.13	48.31	249
7025	26.85	15.68	31.09	240	8025	34.73	14.73	37.72	247	9025	44.94	17.49	48.22	249
7050	26.92	15.67	31.15	240	8050	34.91	14.46	37.79	247	9050	44.59	17.86	48.04	248
7075	27.11	15.68	31.31	240	8075	35.24	14.70	38.19	247	9075	44.60	17.76	48.01	248
7100	27.52	15.60	31.63	240	8100	35.61	14.70	38.52	247	9100	44.77	17.50	48.07	248
7125	28.16	15.50	32.15	241	8125	36.21	14.95	39.17	247	9125	44.94	17.25	48.14	249
7150	28.48	15.39	32.37	241	8150	36.60	15.23	39.64	247	9150	44.98	17.18	48.15	249
7175	28.86	15.36	32.69	242	8175	36.97	15.31	40.02	247	9175	44.90	17.44	48.17	249
7200	29.48	15.64	33.37	242	8200	37.52	15.07	40.43	248	9200	44.83	17.70	48.20	248
7225	29.86	15.76	33.76	242	8225	38.10	15.20	41.02	248	9225	45.00	17.42	48.25	249
7250	30.82	15.61	34.54	243	8250	38.40	15.58	41.44	248	9250	44.91	17.44	48.18	249
7275	31.57	14.88	34.90	245	8275	38.88	15.74	41.95	248	9275	45.39	17.04	48.48	249
7300	31.13	14.12	34.18	245	8300	39.11	16.13	42.31	247	9300	45.76	16.64	48.69	250
7325	30.66	13.92	33.67	245	8325	39.14	16.73	42.56	247	9325	45.15	16.94	48.22	249
7350	30.95	14.04	33.98	245	8350	39.01	17.33	42.68	246	9350	44.92	16.90	48.00	249
7375	31.46	14.33	34.57	245	8375	38.90	17.31	42.58	246	9375	45.25	16.32	48.10	250

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1272-5 02/24/65, 2150Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9400	45.25	16.04	48.00	250	10400	46.19	15.65	48.77	251	11400	48.50	11.70	49.89	256
9425	44.96	15.92	47.69	250	10425	46.34	15.40	48.84	251	11425	47.87	12.24	49.41	255
9450	45.11	15.56	47.72	251	10450	46.48	15.17	48.89	252	11450	47.95	12.36	49.52	255
9475	45.18	15.82	47.87	251	10475	46.19	15.35	48.68	251	11475	48.53	12.11	50.02	256
9500	45.03	16.21	47.86	250	10500	47.15	14.55	49.35	253	11500	48.60	12.36	50.15	256
9525	45.28	16.19	48.09	250	10525	47.40	14.56	49.58	253	11525	48.55	12.71	50.19	255
9550	45.00	16.37	47.89	250	10550	46.98	14.86	49.27	252	11550	48.77	12.75	50.41	255
9575	45.28	16.31	48.12	250	10575	47.28	14.66	49.50	253	11575	49.25	12.14	50.73	256
9600	45.40	16.34	48.25	250	10600	47.51	13.96	49.52	253	11600	49.19	12.48	50.75	256
9625	45.19	16.98	48.28	249	10625	47.52	13.38	49.37	254	11625	49.18	12.65	50.78	255
9650	45.03	17.35	48.26	249	10650	47.19	13.10	48.97	254	11650	48.84	12.73	50.47	255
9675	44.76	17.44	48.04	249	10675	47.64	13.15	49.42	254	11675	48.33	12.75	49.98	255
9700	45.30	16.68	48.28	250	10700	47.89	13.45	49.74	254	11700	48.46	13.06	50.19	255
9725	45.56	16.53	48.47	250	10725	47.79	12.85	49.49	255	11725	48.67	13.09	50.40	255
9750	45.55	16.42	48.42	250	10750	47.82	13.09	49.58	255	11750	48.82	12.50	50.39	255
9775	45.48	16.39	48.35	250	10775	47.84	13.63	49.74	254	11775	48.38	12.94	50.08	255
9800	45.74	16.14	48.51	250	10800	48.12	13.13	49.88	255	11800	48.28	13.36	50.10	254
9825	46.23	15.62	48.80	251	10825	48.28	13.04	50.01	255	11825	48.03	13.43	49.87	254
9850	46.17	15.79	48.80	251	10850	48.14	13.60	50.03	254	11850	47.09	14.60	49.30	253
9875	45.93	15.99	48.64	251	10875	48.17	13.60	50.05	254	11875	46.98	14.67	49.21	252
9900	46.63	15.19	49.04	252	10900	48.12	13.46	49.97	254	11900	47.22	14.44	49.38	253
9925	46.63	14.88	48.95	252	10925	48.14	13.37	49.96	254	11925	47.33	14.76	49.57	252
9950	46.42	15.11	48.81	252	10950	48.37	13.00	50.09	255	11950	47.02	14.38	49.17	253
9975	46.71	14.62	48.94	252	10975	48.76	13.05	50.48	255	11975	47.00	14.28	49.12	253
10000	45.82	15.15	48.26	252	11000	49.67	12.07	51.12	256	12000	46.82	14.70	49.07	252
10025	45.52	15.81	48.19	251	11025	49.60	13.10	51.30	255	12025	46.61	14.72	48.88	252
10050	45.72	15.54	48.29	251	11050	49.05	14.37	51.11	253	12050	46.68	14.71	48.94	252
10075	45.42	15.92	48.13	251	11075	49.41	13.42	51.20	255	12075	46.35	15.74	48.95	251
10100	45.48	15.48	48.04	251	11100	49.70	13.28	51.45	255	12100	47.10	15.45	49.57	252
10125	45.02	15.80	47.71	250	11125	49.47	13.33	51.23	255	12125	47.79	14.41	49.91	253
10150	44.37	17.01	47.52	249	11150	49.15	13.36	50.94	255	12150	47.49	14.97	49.79	252
10175	44.93	16.23	47.77	250	11175	49.16	13.97	51.11	254	12175	47.90	14.88	50.16	253
10200	45.85	15.38	48.36	251	11200	49.19	13.78	51.08	254	12200	48.67	13.67	50.55	254
10225	45.25	16.77	48.26	249	11225	49.30	12.97	50.98	255	12225	49.02	13.48	50.84	254
10250	45.38	17.27	48.55	249	11250	49.50	12.45	51.04	256	12250	49.87	12.90	51.51	255
10275	45.71	16.47	48.58	250	11275	48.56	12.82	50.22	255	12275	50.44	12.30	51.92	256
10300	45.48	15.93	48.19	251	11300	48.74	12.35	50.28	256	12300	50.66	11.51	51.95	257
10325	45.38	16.36	48.24	250	11325	48.79	12.22	50.29	256	12325	50.97	12.14	52.39	256
10350	45.12	16.41	48.01	250	11350	48.42	12.52	50.02	255	12350	51.04	12.73	52.61	256
10375	46.13	15.36	48.62	251	11375	48.75	11.73	50.15	256	12375	51.65	11.00	52.81	258

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-33 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1272-5 02/24/65, 2150Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12400	52.00	10.54	53.06	258	13400	55.77	11.22	56.89	258	14400	42.26	12.88	44.18	253
12425	52.45	10.73	53.53	258	13425	55.77	10.81	56.80	259	14425	41.31	14.35	43.73	251
12450	52.65	10.82	53.75	258	13450	54.83	11.32	55.99	258	14450	42.33	13.33	44.38	252
12475	52.20	11.26	53.40	258	13475	54.15	10.81	55.22	259	14475	42.48	13.97	44.72	252
12500	52.30	10.41	53.33	259	13500	54.44	9.08	55.19	260	14500	42.93	13.91	45.12	252
12525	51.90	10.24	52.90	259	13525	54.71	8.14	55.31	261	14525	43.25	13.60	45.34	252
12550	51.99	10.15	52.97	259	13550	54.41	7.04	54.86	262	14550	43.24	13.69	45.36	252
12575	52.08	10.07	53.04	259	13575	53.86	6.45	54.24	263	14575	42.98	14.37	45.32	251
12600	52.52	9.55	53.38	260	13600	52.60	7.02	53.06	262	14600	42.75	14.84	45.25	251
12625	52.28	10.12	53.25	259	13625	52.44	6.30	52.82	263	14625	43.46	13.68	45.56	252
12650	51.96	11.26	53.17	258	13650	52.52	5.83	52.84	263	14650	43.31	14.25	45.59	252
12675	51.76	11.95	53.12	257	13675	52.59	5.35	52.87	264	14675	42.97	14.21	45.26	252
12700	52.00	13.40	53.70	255	13700	51.93	6.40	52.32	263	14700	42.36	14.09	44.64	251
12725	52.54	13.72	54.30	255	13725	51.85	6.43	52.25	263	14725	42.23	13.98	44.49	251
12750	52.76	13.75	54.52	255	13750	50.87	5.64	51.18	263	14750	42.08	13.99	44.35	251
12775	53.60	14.58	55.55	255	13775	50.42	5.04	50.67	264	14775	41.45	14.71	43.99	250
12800	53.67	14.90	55.70	254	13800	49.78	6.11	50.15	263	14800	42.76	14.24	45.07	251
12825	53.49	14.04	55.31	255	13825	48.47	6.93	48.96	262	14825	42.92	15.37	45.59	250
12850	53.91	14.85	55.92	254	13850	48.04	6.38	48.46	262	14850	43.67	16.04	46.53	250
12875	53.80	15.35	55.95	254	13875	47.83	6.85	48.32	262	14875	43.96	16.19	46.84	250
12900	53.84	14.92	55.87	254	13900	47.55	6.41	47.98	262	14900	44.16	15.77	46.89	250
12925	54.62	14.52	56.52	255	13925	46.91	6.63	47.38	262	14925	44.39	15.02	46.86	251
12950	54.65	15.06	56.68	254	13950	46.60	7.02	47.13	261	14950	44.03	14.90	46.49	251
12975	54.52	15.18	56.60	254	13975	46.49	6.90	47.00	261	14975	44.35	13.87	46.46	252
13000	54.83	15.07	56.86	254	14000	46.50	6.72	46.98	262	15000	44.28	13.18	46.20	253
13025	54.89	15.12	56.93	254	14025	46.45	6.06	46.85	262	15025	43.11	14.13	45.37	252
13050	54.82	15.69	57.02	254	14050	45.04	7.77	45.71	260	15050	42.92	13.25	44.92	253
13075	55.09	15.33	57.18	254	14075	44.04	7.71	44.71	260	15075	43.25	12.81	45.11	253
13100	55.45	14.31	57.27	255	14100	44.56	6.50	45.03	262	15100	43.58	12.38	45.30	254
13125	55.87	13.68	57.52	256	14125	43.91	7.88	44.61	260	15125	44.00	11.14	45.39	256
13150	55.72	13.83	57.41	256	14150	43.70	8.02	44.43	259	15150	43.62	10.39	44.84	256
13175	55.70	13.85	57.40	256	14175	43.50	8.24	44.27	259	15175	43.85	10.85	45.17	256
13200	55.94	13.04	57.44	257	14200	43.06	8.94	43.98	258	15200	44.20	10.28	45.38	257
13225	55.07	13.78	56.77	256	14225	42.17	10.67	43.50	256	15225	43.90	9.84	44.99	257
13250	54.85	13.51	56.49	256	14250	41.85	11.43	43.38	255	15250	44.61	10.61	45.85	256
13275	54.15	13.47	55.80	256	14275	41.53	10.60	42.86	256	15275	44.69	10.54	45.91	257
13300	54.02	13.50	55.68	256	14300	42.28	10.03	43.45	256	15300	44.77	10.47	45.98	257
13325	54.96	11.99	56.25	258	14325	41.76	12.37	43.56	253	15325	45.11	10.23	46.26	257
13350	54.81	12.09	56.13	257	14350	41.96	12.05	43.66	254	15350	45.42	9.91	46.49	258
13375	54.84	12.60	56.27	257	14375	43.22	11.17	44.64	255	15375	44.26	9.65	45.30	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1272-5 02/24/65, 2150Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15400	43.84	9.43	44.84	258	16400	34.64	4.49	34.93	262	17400	24.69	15.63	29.22	237
15425	43.42	9.21	44.39	258	16425	33.73	5.81	34.23	260	17425	24.63	16.08	29.41	237
15450	42.63	8.08	43.39	259	16450	33.57	4.32	33.85	262	17450	25.10	15.66	29.58	238
15475	41.24	9.02	42.21	257	16475	33.41	4.44	33.71	262	17475	24.99	15.68	29.50	238
15500	42.68	7.71	43.37	260	16500	33.26	4.57	33.57	262	17500	24.86	15.66	29.38	238
15525	43.15	6.46	43.63	261	16525	32.47	4.41	32.77	262	17525	24.72	15.65	29.26	237
15550	41.79	7.67	42.49	259	16550	30.89	5.78	31.43	259	17550	24.59	15.63	29.14	237
15575	40.75	6.66	41.29	261	16575	29.86	6.43	30.55	258	17575	24.46	15.61	29.02	237
15600	40.76	5.62	41.14	262	16600	28.84	7.08	29.69	256	17600	23.34	15.12	27.81	237
15625	40.26	6.18	40.73	261	16625	27.81	7.74	28.86	254	17625	23.80	15.85	28.59	236
15650	39.18	7.10	39.81	260	16650	29.32	6.47	30.03	257	17650	23.75	15.92	28.59	236
15675	38.93	6.66	39.49	260	16675	29.51	5.99	30.12	258	17675	23.70	15.98	28.59	236
15700	38.14	8.05	38.98	258	16700	28.81	6.35	29.50	257	17700	23.47	15.77	28.28	236
15725	37.92	8.21	38.79	258	16725	28.38	6.92	29.21	256	17725	23.25	15.55	27.97	236
15750	38.66	5.41	39.04	262	16750	27.84	7.53	28.84	255	17750	23.18	13.87	27.01	239
15775	37.13	4.98	37.46	262	16775	27.30	8.13	28.48	253	17775	21.87	16.27	27.26	233
15800	36.57	11.23	36.35	252	16800	27.06	8.40	28.33	253	17800	21.72	16.63	27.36	232
15825	37.21	7.20	37.90	259	16825	26.82	8.67	28.19	252	17825	21.57	16.99	27.46	232
15850	37.13	6.27	37.66	260	16850	26.58	8.94	28.04	251	17850	22.27	14.78	26.73	236
15875	37.06	6.14	37.56	260	16875	26.24	9.45	27.89	250	17875	24.09	10.77	26.38	246
15900	36.98	6.01	37.47	261	16900	25.91	9.96	27.75	249	17900	23.16	12.10	26.13	242
15925	36.91	5.88	37.37	261	16925	24.97	10.87	27.24	246	17925	22.48	11.97	25.46	242
15950	37.04	5.03	37.38	262	16950	24.85	10.80	27.10	246	17950	21.79	11.83	24.80	241
15975	36.83	6.11	37.34	260	16975	24.37	11.69	27.03	244	17975	21.37	11.75	24.39	241
16000	37.37	6.21	37.89	260	17000	24.13	12.27	27.07	243	18000	20.96	11.67	23.98	241
16025	37.88	5.39	38.26	262	17025	24.28	11.88	27.03	244	18025	20.54	11.58	23.58	240
16050	37.42	6.30	37.94	260	17050	23.69	12.76	26.91	242	18050	20.12	11.50	23.17	240
16075	37.01	6.90	37.65	259	17075	23.23	13.14	26.69	240	18075	19.44	11.30	22.49	240
16100	36.46	7.05	37.14	259	17100	23.86	13.21	27.28	241	18100	18.77	11.09	21.80	239
16125	36.64	5.68	37.07	261	17125	23.84	13.42	27.36	240	18125	18.09	10.89	21.11	239
16150	36.59	4.97	36.93	262	17150	23.81	13.64	27.44	240	18150	17.41	10.69	20.43	238
16175	36.31	5.81	36.77	261	17175	23.78	13.85	27.52	240	18175	17.04	10.55	20.04	238
16200	36.02	6.64	36.63	259	17200	23.80	13.88	27.55	240	18200	16.66	10.40	19.64	238
16225	36.07	5.36	36.47	261	17225	23.81	13.92	27.58	239	18225	16.29	10.26	19.25	238
16250	35.84	3.63	36.02	264	17250	23.83	13.95	27.62	239	18250	15.91	10.12	18.86	237
16275	33.62	6.25	34.20	259	17275	23.85	13.99	27.65	239	18275	15.54	9.98	18.47	237
16300	34.63	4.81	34.96	262	17300	24.44	13.71	28.02	241	18300	13.47	11.46	17.69	229
16325	34.94	4.22	35.20	263	17325	24.35	15.35	28.78	238	18325	12.71	10.55	16.52	230
16350	34.09	5.11	34.47	261	17350	24.34	15.57	28.89	237	18350	11.74	10.01	15.43	229
16375	34.10	5.03	34.47	261	17375	24.33	15.78	29.00	237					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-34

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1272-6 02/24/65, 0000Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	2.34	8.72	9.03	195	1225	11.03	17.79	20.93	212	2225	14.07	19.69	24.21	215
250	3.14	8.35	8.92	200	1250	11.16	17.88	21.08	212	2250	14.20	19.29	23.95	216
275	3.63	8.17	8.94	204	1275	11.16	17.87	21.07	212	2275	14.19	18.91	23.64	217
300	4.11	8.32	9.28	206	1300	11.17	17.75	20.98	212	2300	14.26	18.63	23.46	217
325	4.90	8.54	9.85	210	1325	11.37	17.75	21.08	212	2325	14.43	18.58	23.53	218
350	5.82	8.73	10.49	214	1350	11.54	17.89	21.29	213	2350	14.59	18.70	23.72	218
375	6.60	8.90	11.08	216	1375	11.73	18.08	21.55	213	2375	14.71	18.88	23.93	218
400	7.35	9.15	11.74	219	1400	11.92	18.28	21.83	213	2400	14.82	19.02	24.11	218
425	8.13	9.23	12.31	221	1425	11.76	18.54	21.95	212	2425	14.95	19.03	24.20	218
450	8.49	9.29	12.58	222	1450	11.67	18.76	22.09	212	2450	15.01	18.77	24.03	218
475	8.18	9.36	12.43	221	1475	11.72	18.89	22.23	212	2475	15.06	18.57	23.91	219
500	7.89	9.28	12.18	220	1500	11.76	19.01	22.35	212	2500	14.89	18.56	23.80	219
525	8.52	9.65	12.87	221	1525	12.04	19.14	22.61	212	2525	14.82	18.52	23.72	218
550	9.45	10.17	13.89	223	1550	12.07	19.29	22.76	212	2550	14.93	18.29	23.61	219
575	9.97	10.49	14.47	223	1575	11.76	19.34	22.63	211	2575	14.93	18.02	23.40	219
600	10.07	10.65	14.66	223	1600	11.64	19.40	22.62	211	2600	14.94	17.84	23.27	220
625	9.91	10.79	14.65	222	1625	11.77	19.58	22.85	211	2625	14.92	17.79	23.22	220
650	9.88	11.01	14.79	222	1650	12.05	19.53	22.95	211	2650	15.08	17.86	23.38	220
675	9.90	11.04	14.83	222	1675	12.55	19.59	23.27	212	2675	15.26	17.93	23.55	220
700	9.91	11.14	14.91	221	1700	12.94	19.92	23.75	213	2700	15.30	17.86	23.52	220
725	9.91	11.25	14.99	221	1725	13.04	20.06	23.93	213	2725	15.38	17.82	23.54	221
750	9.68	11.41	14.96	220	1750	13.00	20.19	24.01	213	2750	15.34	17.84	23.53	221
775	9.64	11.91	15.32	219	1775	12.88	20.38	24.11	212	2775	15.03	17.49	23.06	220
800	10.26	12.64	16.28	219	1800	12.84	20.47	24.16	212	2800	14.73	17.25	22.68	220
825	11.09	13.40	17.40	219	1825	12.78	20.54	24.19	212	2825	14.61	17.29	22.63	220
850	11.19	14.43	18.26	218	1850	12.82	20.54	24.21	212	2850	14.47	17.29	22.55	220
875	10.79	15.03	18.50	215	1875	12.88	20.47	24.19	212	2875	14.28	17.16	22.32	220
900	10.78	15.02	18.49	215	1900	12.78	20.37	24.05	212	2900	14.12	16.78	21.93	220
925	11.04	15.04	18.66	216	1925	12.76	20.07	23.79	212	2925	14.03	16.54	21.69	220
950	11.34	14.99	18.80	217	1950	13.20	19.81	23.81	213	2950	14.06	16.50	21.68	220
975	11.34	15.01	18.82	217	1975	13.51	19.78	23.95	214	2975	14.10	16.56	21.75	220
1000	11.15	15.13	18.80	216	2000	13.66	19.75	24.02	214	3000	14.07	16.51	21.69	220
1025	11.30	15.51	19.19	216	2025	13.89	19.51	23.95	215	3025	14.11	16.41	21.64	221
1050	11.48	15.92	19.62	216	2050	14.00	19.53	24.03	215	3050	14.02	16.30	21.50	221
1075	11.57	16.24	19.94	215	2075	14.04	19.67	24.16	215	3075	13.97	16.19	21.38	221
1100	11.47	16.50	20.09	215	2100	13.93	19.80	24.21	215	3100	13.85	16.44	21.49	220
1125	11.28	16.65	20.11	214	2125	13.82	20.04	24.34	214	3125	13.51	16.60	21.40	219
1150	11.29	17.01	20.42	213	2150	13.80	20.07	24.36	214	3150	13.55	16.71	21.51	219
1175	11.15	17.39	20.66	212	2175	13.92	20.06	24.41	215	3175	13.92	17.08	22.03	219
1200	10.96	17.63	20.76	212	2200	13.99	20.00	24.41	215	3200	14.15	17.38	22.41	219

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1272-6 02/24/65, 0000Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	13.98	17.56	22.45	218	4225	16.59	14.77	22.21	228	5225	26.24	14.98	30.22	240
3250	13.66	17.65	22.31	218	4250	16.99	14.77	22.51	229	5250	26.36	14.97	30.32	240
3275	13.44	17.71	22.23	217	4275	17.82	15.04	23.32	230	5275	26.90	14.76	30.68	241
3300	13.23	17.75	22.13	217	4300	18.39	15.32	23.93	230	5300	27.48	14.43	31.04	242
3325	13.12	17.88	22.18	216	4325	19.17	15.45	24.62	231	5325	27.73	14.39	31.24	242
3350	12.99	17.97	22.17	216	4350	19.74	15.52	25.11	232	5350	27.97	14.24	31.39	243
3375	12.96	17.93	22.12	216	4375	19.99	15.42	25.25	232	5375	28.12	13.84	31.34	244
3400	13.13	17.94	22.24	216	4400	19.89	15.23	25.05	232	5400	28.03	13.66	31.18	244
3425	13.16	17.89	22.21	216	4425	19.66	15.20	24.85	232	5425	28.16	13.57	31.26	244
3450	13.15	17.92	22.23	216	4450	19.84	15.78	25.35	231	5450	28.28	13.63	31.40	244
3475	13.35	18.15	22.53	216	4475	20.58	16.65	26.47	231	5475	28.20	13.68	31.34	244
3500	13.53	18.19	22.67	216	4500	21.38	17.09	27.37	231	5500	28.22	13.81	31.42	244
3525	13.52	17.99	22.50	217	4525	21.81	17.44	27.92	231	5525	28.25	13.97	31.51	243
3550	13.56	17.88	22.44	217	4550	22.09	17.94	28.45	231	5550	28.36	14.22	31.73	243
3575	13.39	18.09	22.50	216	4575	22.06	18.30	28.67	230	5575	28.49	14.54	31.98	243
3600	13.11	18.23	22.46	216	4600	22.02	18.62	28.84	230	5600	28.49	14.76	32.08	242
3625	13.02	18.33	22.48	215	4625	22.08	19.03	29.15	229	5625	28.45	14.88	32.11	242
3650	12.86	18.60	22.61	214	4650	21.93	19.46	29.32	228	5650	28.42	14.89	32.08	242
3675	12.70	18.86	22.73	214	4675	21.69	19.57	29.22	228	5675	28.22	14.92	31.92	242
3700	12.49	19.06	22.79	213	4700	21.46	19.66	29.10	227	5700	28.02	15.00	31.78	242
3725	12.35	19.10	22.75	213	4725	21.22	20.03	29.18	226	5725	28.03	15.12	31.85	241
3750	12.36	18.82	22.51	213	4750	20.94	20.44	29.26	225	5750	28.01	15.22	31.87	241
3775	12.44	18.50	22.29	214	4775	20.74	20.57	29.21	225	5775	27.83	15.49	31.85	241
3800	12.52	18.58	22.41	214	4800	20.74	20.55	29.19	225	5800	27.69	15.51	31.74	241
3825	12.26	18.61	22.28	213	4825	20.67	20.46	29.09	225	5825	27.72	15.40	31.71	241
3850	12.01	18.45	22.01	213	4850	20.54	20.24	28.83	225	5850	27.73	15.40	31.72	241
3875	11.99	18.31	21.89	213	4875	20.41	19.91	28.51	226	5875	27.61	15.17	31.50	241
3900	12.12	18.09	21.77	214	4900	20.38	19.50	28.21	226	5900	27.53	14.98	31.35	241
3925	12.64	17.90	21.91	215	4925	20.53	19.10	28.04	227	5925	27.61	14.75	31.30	242
3950	13.21	18.13	22.44	216	4950	20.84	18.65	27.97	228	5950	27.66	14.60	31.27	242
3975	13.48	18.61	22.98	216	4975	21.23	18.31	28.04	229	5975	27.61	14.49	31.18	242
4000	13.84	18.73	23.29	216	5000	21.46	18.18	28.12	230	6000	27.58	14.25	31.05	242
4025	14.31	17.94	22.95	218	5025	21.86	18.05	28.35	230	6025	27.54	14.05	30.92	243
4050	14.57	16.88	22.30	221	5050	22.52	17.81	28.71	231	6050	27.60	13.95	30.93	243
4075	14.68	16.53	22.11	221	5075	23.11	17.43	28.95	233	6075	27.63	13.95	30.95	243
4100	14.86	16.58	22.26	222	5100	23.42	17.02	28.95	234	6100	27.52	13.96	30.85	243
4125	15.62	16.59	22.79	223	5125	23.82	16.59	29.03	235	6125	27.41	14.13	30.83	243
4150	16.27	15.94	22.78	225	5150	24.48	16.19	29.34	236	6150	27.31	14.36	30.86	242
4175	16.24	15.26	22.28	227	5175	25.16	15.50	29.56	238	6175	27.23	14.35	30.78	242
4200	16.48	14.98	22.27	228	5200	25.85	14.93	29.85	240	6200	27.03	14.38	30.62	242

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-34 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-6 02/24/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	26.78	14.65	30.53	241	7225	28.36	12.88	31.15	245	8225	38.11	17.12	41.78	246
6250	26.61	14.98	30.54	240	7250	28.67	13.39	31.65	245	8250	38.47	16.53	41.87	247
6275	26.37	15.17	30.42	240	7275	29.13	13.88	32.26	244	8275	38.79	16.75	42.25	246
6300	26.18	15.38	30.36	239	7300	29.43	14.37	32.75	244	8300	39.33	16.62	42.70	247
6325	25.91	15.47	30.18	239	7325	29.64	14.51	33.00	244	8325	39.84	16.27	43.03	248
6350	25.78	15.71	30.18	238	7350	29.74	14.59	33.12	244	8350	40.22	15.86	43.23	248
6375	25.80	15.92	30.32	238	7375	29.63	14.61	33.03	244	8375	40.51	15.77	43.47	249
6400	25.51	16.12	30.18	238	7400	29.66	14.59	33.06	244	8400	40.60	15.93	43.61	248
6425	25.28	16.29	30.07	237	7425	29.72	14.38	33.02	244	8425	41.03	15.69	43.93	249
6450	25.22	16.35	30.05	237	7450	29.40	14.36	32.72	244	8450	41.51	15.37	44.27	249
6475	25.19	16.51	30.11	237	7475	29.73	14.35	33.01	244	8475	41.63	15.26	44.34	250
6500	24.97	16.66	30.02	236	7500	30.25	14.42	33.51	244	8500	41.71	15.56	44.52	249
6525	24.78	16.50	29.77	236	7525	30.06	14.64	33.43	244	8525	42.09	15.95	45.01	249
6550	24.67	16.20	29.52	237	7550	30.27	14.94	33.76	244	8550	42.36	16.30	45.39	249
6575	24.33	16.11	29.18	236	7575	30.58	15.27	34.18	243	8575	42.34	16.92	45.59	248
6600	24.11	15.96	28.92	236	7600	30.50	15.68	34.29	243	8600	42.65	17.48	46.09	248
6625	24.76	16.03	29.49	237	7625	30.53	16.01	34.48	242	8625	43.12	17.86	46.68	247
6650	25.34	15.99	29.96	238	7650	30.48	16.38	34.60	242	8650	43.43	18.00	47.02	247
6675	25.74	15.70	30.15	238	7675	30.62	16.54	34.80	241	8675	43.82	17.86	47.32	248
6700	26.33	15.39	30.49	240	7700	30.78	16.62	34.98	241	8700	44.11	17.49	47.45	248
6725	26.90	15.13	30.86	240	7725	30.95	16.70	35.16	241	8725	44.54	17.34	47.80	249
6750	27.41	14.83	31.17	241	7750	31.38	16.35	35.38	242	8750	44.88	17.53	48.18	248
6775	27.99	14.35	31.45	243	7775	31.60	16.11	35.47	243	8775	45.10	17.41	48.34	249
6800	28.23	14.20	31.60	243	7800	31.54	16.21	35.46	243	8800	44.98	17.07	48.11	249
6825	28.33	14.01	31.60	244	7825	31.25	16.67	35.42	242	8825	44.82	16.88	47.89	249
6850	28.39	13.92	31.62	244	7850	31.47	17.13	35.83	241	8850	44.86	17.05	47.99	249
6875	28.36	13.99	31.62	244	7875	32.23	17.53	36.69	241	8875	45.09	17.18	48.25	249
6900	28.28	13.94	31.53	244	7900	32.93	17.78	37.42	241	8900	45.28	17.10	48.40	249
6925	28.16	14.04	31.47	243	7925	33.71	17.66	38.05	242	8925	45.34	16.89	48.38	249
6950	28.10	13.92	31.35	243	7950	34.49	17.45	38.66	243	8950	45.39	17.04	48.49	249
6975	27.98	13.52	31.08	244	7975	35.40	17.29	39.40	244	8975	45.59	17.03	48.67	249
7000	28.06	13.39	31.09	244	8000	36.08	17.12	39.94	244	9000	45.66	16.98	48.71	249
7025	28.34	13.07	31.21	245	8025	36.29	17.00	40.07	245	9025	45.49	17.09	48.59	249
7050	28.52	12.61	31.18	246	8050	36.70	16.60	40.28	245	9050	45.40	17.12	48.51	249
7075	28.55	12.46	31.15	246	8075	36.84	16.39	40.32	246	9075	45.18	17.26	48.37	249
7100	28.51	12.28	31.04	247	8100	36.86	16.34	40.32	246	9100	45.27	17.03	48.36	249
7125	28.23	12.21	30.76	246	8125	36.89	16.27	40.32	246	9125	45.19	17.01	48.29	249
7150	28.13	12.25	30.68	246	8150	36.81	16.50	40.34	246	9150	44.96	17.14	48.11	249
7175	28.31	12.30	30.86	246	8175	37.15	17.01	40.86	245	9175	45.08	17.14	48.23	249
7200	28.33	12.43	30.93	246	8200	37.79	17.41	41.61	245	9200	45.00	17.13	48.15	249

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-6 02/24/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	44.85	17.13	48.01	249	10225	47.35	14.56	49.54	253	11225	42.58	10.73	43.91	256
9250	44.91	17.15	48.08	249	10250	47.27	14.25	49.37	253	11250	42.27	10.77	43.62	256
9275	45.05	17.29	48.26	249	10275	47.28	14.29	49.39	253	11275	41.97	10.45	43.26	256
9300	45.08	17.58	48.38	249	10300	47.89	14.28	49.98	253	11300	42.25	10.23	43.47	256
9325	45.09	17.50	48.36	249	10325	48.06	14.31	50.14	253	11325	42.46	10.07	43.64	256
9350	45.03	17.45	48.29	249	10350	47.96	14.19	50.02	253	11350	42.32	10.33	43.57	256
9375	44.82	17.58	48.15	248	10375	48.38	13.72	50.29	254	11375	42.67	9.89	43.80	257
9400	44.67	17.54	47.99	248	10400	48.52	13.17	50.28	255	11400	42.68	9.66	43.76	257
9425	44.84	17.50	48.13	249	10425	47.96	12.99	49.69	255	11425	43.09	9.10	44.04	258
9450	44.93	17.51	48.22	249	10450	48.16	13.07	49.90	255	11450	43.31	9.59	44.36	257
9475	44.86	17.46	48.14	249	10475	48.22	12.62	49.85	255	11475	43.41	10.24	44.61	257
9500	44.96	17.71	48.33	248	10500	47.79	12.50	49.40	255	11500	43.83	10.02	44.96	257
9525	44.78	17.84	48.20	248	10525	47.56	12.62	49.21	255	11525	44.12	10.15	45.27	257
9550	44.90	17.23	48.10	249	10550	47.42	12.56	49.05	255	11550	44.25	10.00	45.36	257
9575	45.03	17.42	48.28	249	10575	47.56	12.23	49.11	255	11575	44.17	9.96	45.28	257
9600	44.93	17.60	48.25	248	10600	47.49	12.51	49.11	255	11600	44.26	10.19	45.42	257
9625	45.12	17.21	48.29	249	10625	47.02	13.03	48.79	254	11625	44.19	10.40	45.39	257
9650	44.98	17.23	48.17	249	10650	46.96	12.43	48.58	255	11650	44.18	10.62	45.44	256
9675	44.87	17.47	48.15	249	10675	46.63	12.39	48.25	255	11675	44.87	10.40	46.06	257
9700	44.94	17.24	48.13	249	10700	46.15	12.37	47.78	255	11700	45.12	10.80	46.40	256
9725	44.96	17.23	48.14	249	10725	45.56	12.42	47.22	255	11725	45.27	10.96	46.57	256
9750	45.08	17.23	48.26	249	10750	45.49	11.80	47.00	255	11750	45.12	10.84	46.41	256
9775	45.20	17.00	48.29	249	10775	45.68	11.07	47.00	256	11775	45.29	10.95	46.99	256
9800	45.34	17.34	48.55	249	10800	45.27	11.25	46.65	256	11800	45.74	10.80	47.00	257
9825	45.52	17.28	48.69	249	10825	45.00	10.99	46.32	256	11825	45.93	10.70	47.16	257
9850	45.36	16.91	48.41	249	10850	44.79	11.10	46.15	256	11850	45.99	10.90	47.26	256
9875	45.27	16.30	48.12	250	10875	44.61	11.52	46.07	255	11875	46.07	11.25	47.42	256
9900	45.94	15.73	48.56	251	10900	44.47	11.97	46.05	255	11900	46.32	10.91	47.58	257
9925	46.05	15.54	48.60	251	10925	44.64	11.68	46.15	255	11925	46.18	11.26	47.53	256
9950	45.62	15.71	48.24	251	10950	44.75	11.08	46.10	256	11950	46.03	11.69	47.49	256
9975	45.43	16.08	48.19	250	10975	44.46	11.41	45.90	255	11975	46.03	11.41	47.42	256
10000	45.60	15.79	48.25	251	11000	44.02	11.80	45.57	255	12000	46.35	10.93	47.62	257
10025	45.25	15.89	47.96	250	11025	43.78	11.78	45.34	255	12025	46.80	10.62	47.99	257
10050	44.92	16.13	47.73	250	11050	44.06	11.43	45.51	255	12050	46.91	10.17	48.00	258
10075	45.76	15.63	48.36	251	11075	44.14	11.27	45.55	255	12075	46.76	10.53	47.93	257
10100	46.13	15.27	48.59	251	11100	43.97	11.41	45.42	255	12100	47.20	10.40	48.34	257
10125	46.39	15.66	48.96	251	11125	43.91	11.08	45.28	256	12125	47.42	10.08	48.48	258
10150	46.78	15.37	49.23	252	11150	43.60	10.88	44.94	256	12150	47.13	10.31	48.25	257
10175	46.71	14.87	49.02	252	11175	43.13	11.10	44.53	255	12175	46.61	10.80	47.84	257
10200	46.81	14.94	49.14	252	11200	42.83	10.53	44.11	256	12200	46.77	11.92	48.26	256

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-34 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-6 02/24/65, 0000Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	47.08	11.98	48.58	256	13225	51.77	15.01	53.90	254	14225	43.11	14.73	45.56	251
12250	47.38	11.81	48.83	256	13250	52.07	13.83	53.88	255	14250	43.16	13.98	45.36	252
12275	47.59	11.96	49.07	256	13275	51.27	14.41	53.25	254	14275	43.33	14.56	45.71	251
12300	47.39	12.48	49.01	255	13300	51.57	13.53	53.32	255	14300	43.11	15.17	45.71	250
12325	47.52	13.19	49.32	254	13325	51.86	12.98	53.46	256	14325	43.45	14.47	45.79	251
12350	47.87	13.14	49.64	254	13350	51.55	12.57	53.06	256	14350	43.91	14.96	46.38	251
12375	47.88	12.68	49.53	255	13375	51.41	12.61	52.93	256	14375	43.63	15.21	46.20	251
12400	48.14	12.06	49.63	256	13400	51.75	11.34	52.97	257	14400	42.98	16.13	45.91	249
12425	48.27	12.16	49.78	256	13425	52.00	10.06	52.96	259	14425	43.38	16.53	46.42	249
12450	48.00	12.89	49.70	255	13450	52.58	9.38	53.41	260	14450	43.07	17.47	46.47	248
12475	48.14	12.59	49.76	255	13475	52.71	9.37	53.53	260	14475	43.77	16.64	46.83	249
12500	48.24	11.93	49.69	256	13500	52.67	9.40	53.50	260	14500	44.16	17.07	47.34	249
12525	48.20	12.07	49.69	256	13525	52.82	9.83	53.73	259	14525	43.59	18.96	47.53	246
12550	48.61	12.21	50.12	256	13550	52.86	11.07	54.00	258	14550	43.72	18.72	47.56	247
12575	49.56	12.38	51.08	256	13575	53.13	11.20	54.30	258	14575	43.85	18.48	47.58	247
12600	49.76	13.45	51.54	255	13600	53.53	10.11	54.48	259	14600	44.81	18.55	48.50	247
12625	49.34	15.33	51.66	253	13625	53.27	9.25	54.06	260	14625	44.67	19.12	48.59	247
12650	50.03	15.35	52.33	253	13650	52.42	9.92	53.35	259	14650	44.59	18.66	48.34	247
12675	50.39	15.99	52.86	252	13675	52.31	9.86	53.23	259	14675	44.71	18.12	48.24	248
12700	50.66	16.43	53.26	292	13700	51.83	9.32	52.66	260	14700	46.04	18.36	49.56	248
12725	51.05	15.79	53.44	253	13725	51.58	8.89	52.34	260	14725	46.43	17.61	49.66	249
12750	51.50	14.79	53.59	254	13750	51.55	8.26	52.21	261	14750	45.83	17.23	48.96	249
12775	51.64	14.64	53.67	254	13775	50.41	7.59	50.98	261	14775	46.16	15.80	48.79	251
12800	51.57	14.84	53.66	254	13800	49.25	8.27	49.94	260	14800	46.07	14.60	48.33	252
12825	52.32	13.99	54.16	255	13825	48.40	8.58	49.16	260	14825	45.09	16.06	47.87	250
12850	52.32	14.27	54.23	255	13850	47.88	8.76	48.68	259	14850	46.00	14.84	48.34	252
12875	52.24	14.59	54.24	254	13875	47.87	8.45	48.61	260	14875	46.45	13.44	48.35	254
12900	52.30	14.25	54.21	255	13900	47.31	8.67	48.10	259	14900	46.05	13.33	47.94	254
12925	51.54	14.75	53.61	254	13925	46.96	8.86	47.79	259	14925	46.16	12.90	47.93	254
12950	50.93	15.75	53.31	253	13950	46.62	9.05	47.49	259	14950	45.64	13.06	47.47	254
12975	52.42	14.04	54.26	255	13975	45.23	9.48	46.21	258	14975	44.89	13.37	46.84	253
13000	52.27	14.46	54.23	254	14000	44.30	10.76	45.59	256	15000	44.51	12.44	46.22	254
13025	51.65	15.43	53.91	253	14025	44.11	10.72	45.40	256	15025	46.25	9.94	47.30	258
13050	51.96	14.89	54.05	254	14050	43.54	11.11	44.93	255	15050	46.55	9.45	47.50	258
13075	51.55	15.28	53.77	253	14075	43.46	11.55	44.96	255	15075	46.85	8.96	47.70	259
13100	51.29	14.48	53.29	254	14100	43.76	12.38	45.48	254	15100	46.77	8.80	47.59	259
13125	52.17	14.73	54.21	254	14125	43.83	13.19	45.77	253	15125	46.24	8.84	47.07	259
13150	52.33	14.97	54.43	254	14150	43.68	13.42	45.69	253	15150	46.38	8.62	47.17	259
13175	52.19	14.43	54.14	254	14175	43.92	12.44	45.64	254	15175	46.30	8.28	47.03	260
13200	51.03	16.14	53.52	252	14200	43.63	13.48	45.67	253	15200	46.13	7.14	46.68	261

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-6 02/24/65, 0000Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	47.14	6.45	47.58	262										
15250	47.02	7.19	47.57	261										
15275	47.06	7.02	47.58	261										
15300	47.11	6.84	47.60	262										
15325	46.95	6.52	47.40	262										
15350	46.80	6.19	47.20	262										
15375	45.31	6.50	45.77	262										
15400	43.91	6.63	44.41	261										
15425	44.37	5.81	44.75	262										
15450	44.58	5.25	44.89	263										
15475	42.75	7.68	43.43	260										
15500	41.52	9.04	42.49	258										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-35

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-7 02/25/65, 0025Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	5.09	10.57	11.73	206	1175	13.28	17.20	21.73	217	2175	14.14	17.60	22.57	219
200	5.94	10.79	12.32	209	1200	13.20	17.35	21.80	217	2200	13.90	17.55	22.38	218
225	6.70	10.95	12.84	211	1225	13.06	17.41	21.77	217	2225	13.88	17.66	22.47	218
250	7.55	10.88	13.24	215	1250	13.04	17.35	21.70	217	2250	14.13	18.07	22.94	218
275	8.68	11.08	14.08	218	1275	13.08	17.35	21.73	217	2275	14.34	18.21	23.17	218
300	9.00	11.64	14.72	218	1300	13.22	17.36	21.82	217	2300	14.67	18.11	23.31	219
325	8.49	12.18	14.84	215	1325	13.53	17.53	22.14	217	2325	14.96	17.96	23.38	220
350	8.49	12.55	15.15	214	1350	13.89	17.74	22.53	218	2350	15.19	17.81	23.41	220
375	8.60	13.03	15.61	213	1375	13.88	17.71	22.51	218	2375	15.53	17.71	23.56	221
400	8.86	13.63	16.26	213	1400	13.85	17.76	22.52	218	2400	15.81	17.53	23.60	222
425	9.36	14.06	16.89	213	1425	14.14	17.91	22.82	218	2425	16.09	17.57	23.82	222
450	9.47	14.21	17.07	213	1450	14.36	17.85	22.91	219	2450	16.30	17.64	24.02	223
475	9.03	14.30	16.91	212	1475	14.41	17.70	22.82	219	2475	16.49	17.65	24.16	223
500	8.77	14.71	17.13	211	1500	14.39	17.49	22.65	219	2500	16.76	17.77	24.43	223
525	9.61	15.13	17.92	212	1525	14.33	17.24	22.42	220	2525	16.92	17.92	24.64	223
550	10.45	15.23	18.48	214	1550	14.25	17.24	22.36	219	2550	17.12	17.87	24.75	224
575	10.76	15.24	18.66	215	1575	14.28	17.40	22.51	219	2575	17.42	17.85	24.94	224
600	10.60	15.61	18.87	214	1600	14.25	17.50	22.57	219	2600	17.58	17.70	24.95	225
625	10.63	16.11	19.30	213	1625	14.24	17.60	22.64	219	2625	17.66	17.58	24.92	225
650	11.11	16.45	19.85	214	1650	14.30	17.58	22.66	219	2650	17.62	17.59	24.90	225
675	11.45	16.68	20.23	214	1675	14.20	17.48	22.52	219	2675	17.56	17.55	24.82	225
700	11.43	16.73	20.27	214	1700	14.00	17.57	22.47	218	2700	17.64	17.59	24.91	225
725	11.24	16.80	20.21	214	1725	13.92	17.95	22.71	218	2725	17.52	17.46	24.73	225
750	11.27	17.09	20.47	213	1750	13.98	18.17	22.92	217	2750	17.57	17.28	24.64	225
775	11.46	17.16	20.63	214	1775	14.03	18.24	23.01	217	2775	17.60	17.22	24.62	225
800	11.51	16.95	20.49	214	1800	14.07	18.22	23.02	217	2800	17.37	17.24	24.47	225
825	11.54	16.83	20.41	214	1825	14.08	18.27	23.06	217	2825	17.28	17.25	24.42	225
850	11.53	16.62	20.23	215	1850	14.16	18.24	23.09	218	2850	17.42	17.41	24.63	225
875	11.67	16.42	20.15	215	1875	14.15	18.07	22.95	218	2875	17.58	17.59	24.87	225
900	12.09	16.33	20.32	216	1900	13.96	18.02	22.79	218	2900	17.70	17.80	25.10	225
925	12.14	16.39	20.40	216	1925	13.66	17.89	22.51	217	2925	17.68	17.96	25.20	224
950	12.17	16.64	20.61	216	1950	13.58	17.98	22.53	217	2950	17.58	17.97	25.14	224
975	12.65	17.30	21.43	216	1975	13.47	18.13	22.59	216	2975	17.36	17.85	24.90	224
1000	12.97	17.86	22.07	216	2000	13.40	18.21	22.61	216	3000	17.19	17.72	24.69	224
1025	13.25	17.77	22.17	217	2025	13.71	18.19	22.78	217	3025	17.30	17.67	24.73	224
1050	13.55	17.78	22.35	217	2050	13.99	18.07	22.86	218	3050	17.20	17.67	24.66	224
1075	13.41	17.72	22.22	217	2075	14.08	17.97	22.83	218	3075	16.87	17.66	24.42	224
1100	13.25	17.49	21.94	217	2100	14.09	17.87	22.75	218	3100	16.46	17.54	24.05	223
1125	13.33	17.43	21.94	217	2125	14.22	17.78	22.77	218	3125	16.26	17.50	23.89	223
1150	13.34	17.33	21.87	217	2150	14.26	17.66	22.70	219	3150	16.32	17.45	23.89	223

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-7 02/25/65, 0025Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	16.38	17.34	23.85	223	4175	17.67	16.63	24.26	227	5175	26.50	15.80	30.85	239
3200	16.27	17.32	23.76	223	4200	18.38	16.54	24.72	228	5200	26.84	15.13	30.81	240
3225	15.94	17.40	23.59	222	4225	18.73	16.66	25.07	228	5225	26.86	14.98	30.76	241
3250	15.87	17.43	23.57	222	4250	19.07	16.87	25.46	228	5250	26.74	15.02	30.66	240
3275	15.77	17.48	23.54	222	4275	19.59	16.70	25.74	229	5275	26.69	14.86	30.55	241
3300	15.80	17.51	23.58	222	4300	20.16	16.54	26.08	230	5300	26.83	14.66	30.58	241
3325	16.04	17.42	23.68	222	4325	20.63	16.63	26.49	231	5325	26.91	14.46	30.54	242
3350	16.13	17.30	23.66	223	4350	20.75	16.94	26.79	231	5350	26.70	14.64	30.45	241
3375	16.06	17.19	23.52	223	4375	20.83	17.28	27.06	230	5375	26.70	14.68	30.47	241
3400	15.90	17.34	23.53	222	4400	21.03	17.56	27.40	230	5400	26.77	14.63	30.51	241
3425	15.77	17.46	23.52	222	4425	21.41	17.95	27.94	230	5425	26.71	14.56	30.42	241
3450	15.72	17.51	23.53	222	4450	21.70	18.31	28.40	230	5450	26.93	14.19	30.44	242
3475	15.48	17.62	23.45	221	4475	21.78	19.05	28.94	229	5475	26.96	13.79	30.28	243
3500	14.93	17.52	23.02	220	4500	21.83	19.73	29.42	228	5500	27.01	13.48	30.19	243
3525	14.85	17.61	23.03	220	4525	22.00	20.19	29.86	227	5525	27.18	13.16	30.20	244
3550	15.01	17.55	23.09	220	4550	21.86	20.61	30.05	227	5550	27.36	12.70	30.16	245
3575	15.04	17.46	23.04	221	4575	21.59	20.81	29.99	226	5575	27.43	12.61	30.18	245
3600	15.11	17.53	23.14	221	4600	21.70	20.75	30.03	226	5600	27.37	12.57	30.11	245
3625	15.32	17.48	23.24	221	4625	21.65	20.62	29.90	226	5625	27.51	12.75	30.32	245
3650	15.85	17.21	23.40	222	4650	21.79	20.52	29.93	227	5650	27.63	13.15	30.60	244
3675	16.12	16.94	23.38	223	4675	22.02	20.41	30.02	227	5675	27.45	13.50	30.59	244
3700	16.24	16.72	23.31	224	4700	22.11	20.28	30.00	227	5700	27.30	13.88	30.62	243
3725	16.16	16.52	23.11	224	4725	22.31	19.98	29.95	228	5725	27.30	14.00	30.68	243
3750	15.79	16.43	22.79	224	4750	22.35	20.00	29.99	228	5750	27.37	14.27	30.87	242
3775	15.63	16.36	22.62	223	4775	22.42	19.98	30.03	228	5775	27.48	14.67	31.15	242
3800	15.55	16.48	22.66	223	4800	22.58	19.61	29.90	229	5800	27.46	14.92	31.25	241
3825	15.35	16.74	22.72	222	4825	22.89	19.42	30.02	230	5825	27.12	15.14	31.06	241
3850	15.58	17.01	23.07	222	4850	23.16	19.18	30.07	230	5850	26.91	15.16	30.89	240
3875	16.01	17.21	23.50	223	4875	23.46	18.91	30.13	231	5875	27.00	15.20	30.99	240
3900	16.33	17.21	23.73	223	4900	23.82	18.82	30.36	231	5900	26.89	15.22	30.90	240
3925	16.48	17.26	23.86	223	4925	23.77	18.70	30.24	232	5925	26.91	15.05	30.86	241
3950	16.28	17.33	23.78	223	4950	23.68	18.54	30.07	232	5950	27.03	14.91	30.87	241
3975	16.29	17.34	23.79	223	4975	24.03	18.23	30.16	233	5975	26.94	14.97	30.82	241
4000	16.23	17.41	23.80	223	5000	24.36	17.94	30.25	233	6000	26.79	15.23	30.82	240
4025	16.12	17.74	23.97	222	5025	24.76	17.44	30.28	235	6025	26.94	15.59	31.13	240
4050	16.26	17.96	24.23	222	5050	25.20	17.15	30.49	236	6050	27.09	15.97	31.44	239
4075	16.44	17.96	24.35	222	5075	25.49	17.06	30.67	236	6075	26.90	16.25	31.42	239
4100	16.45	17.88	24.30	222	5100	25.72	16.73	30.68	237	6100	26.67	16.34	31.28	238
4125	16.57	17.68	24.23	223	5125	25.90	16.50	30.71	237	6125	26.67	16.54	31.38	238
4150	16.94	17.15	24.11	224	5150	26.11	16.31	30.79	238	6150	26.67	16.83	31.54	238

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-35 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-7 02/25/65, 0025Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	26.42	17.09	31.46	237	7175	30.41	15.74	34.24	242	8175	34.10	16.55	37.90	244
6200	26.29	17.38	31.52	236	7200	30.25	15.73	34.09	242	8200	34.60	16.76	38.45	244
6225	26.26	17.51	31.56	236	7225	30.23	15.53	33.98	243	8225	34.90	16.69	38.69	244
6250	26.00	17.58	31.38	236	7250	30.27	15.53	34.02	243	8250	35.36	16.55	39.04	245
6275	25.73	17.86	31.32	235	7275	29.96	15.47	33.71	243	8275	35.69	16.15	39.17	245
6300	25.63	18.28	31.48	234	7300	29.87	15.44	33.63	242	8300	35.78	15.95	39.17	246
6325	25.60	18.16	31.39	234	7325	30.01	16.04	34.03	242	8325	35.96	16.17	39.42	246
6350	25.59	17.99	31.28	235	7350	30.26	16.35	34.39	241	8350	35.97	15.99	39.36	246
6375	25.81	17.93	31.43	235	7375	30.93	16.25	34.94	242	8375	36.23	15.78	39.52	246
6400	26.47	17.21	31.58	237	7400	31.66	16.01	35.48	243	8400	36.62	15.52	39.77	247
6425	27.20	16.39	31.76	239	7425	32.16	15.90	35.88	244	8425	36.30	15.48	39.47	247
6450	27.74	16.07	32.06	240	7450	32.48	15.91	36.17	244	8450	36.43	15.13	39.44	247
6475	28.14	15.90	32.32	240	7475	32.65	15.89	36.31	244	8475	36.93	14.38	39.63	249
6500	28.23	15.61	32.26	241	7500	32.84	16.08	36.56	244	8500	36.87	13.92	39.41	249
6525	28.32	15.41	32.24	241	7525	33.43	15.97	37.05	244	8525	36.67	13.54	39.09	250
6550	28.47	14.97	32.16	242	7550	33.73	15.77	37.24	245	8550	36.74	13.54	39.15	250
6575	28.59	14.56	32.08	243	7575	33.78	15.36	37.11	245	8575	36.95	13.79	39.44	249
6600	28.95	14.31	32.30	244	7600	34.01	15.08	37.21	246	8600	37.36	13.55	39.74	250
6625	29.08	14.22	32.37	244	7625	34.12	15.14	37.33	246	8625	37.97	13.69	40.36	250
6650	29.15	14.08	32.37	244	7650	33.97	15.08	37.16	246	8650	38.16	14.24	40.73	249
6675	29.00	13.83	32.13	244	7675	33.74	15.18	37.00	246	8675	38.15	14.33	40.76	249
6700	28.61	13.86	31.79	244	7700	33.72	15.29	37.02	245	8700	38.22	14.32	40.82	249
6725	28.38	13.88	31.59	244	7725	33.77	15.37	37.11	245	8725	38.26	14.48	40.90	249
6750	28.13	13.94	31.40	243	7750	33.66	15.46	37.05	245	8750	38.48	14.49	41.12	249
6775	28.05	14.37	31.52	243	7775	33.37	15.44	36.77	245	8775	38.43	14.87	41.21	249
6800	28.07	14.56	31.62	242	7800	33.21	15.62	36.71	245	8800	38.49	15.28	41.41	248
6825	27.76	14.49	31.31	242	7825	33.39	15.54	36.83	245	8825	39.15	15.26	42.02	249
6850	27.61	14.37	31.13	242	7850	33.39	15.43	36.78	245	8850	39.65	15.59	42.60	248
6875	27.89	14.27	31.33	243	7875	33.19	15.94	36.82	244	8875	39.81	15.95	42.88	248
6900	27.89	14.66	31.51	242	7900	33.29	16.09	36.98	244	8900	40.03	15.87	43.06	248
6925	27.69	14.78	31.38	242	7925	33.66	15.80	37.18	245	8925	40.46	15.82	43.44	248
6950	27.57	14.72	31.25	242	7950	33.85	16.01	37.44	245	8950	41.03	16.10	44.07	248
6975	27.28	15.20	31.23	241	7975	34.05	16.50	37.84	244	8975	41.22	16.58	44.43	248
7000	27.04	15.66	31.25	240	8000	34.23	16.28	37.90	244	9000	41.68	16.73	44.91	248
7025	27.43	15.70	31.61	240	8025	34.18	15.93	37.71	245	9025	42.13	16.67	45.31	248
7050	27.98	15.61	32.04	241	8050	34.04	15.91	37.57	245	9050	42.10	17.00	45.40	248
7075	28.26	15.71	32.33	241	8075	33.96	16.20	37.63	244	9075	42.25	16.95	45.53	248
7100	28.98	15.59	32.91	242	8100	33.78	16.36	37.54	244	9100	42.12	17.05	45.44	248
7125	29.79	15.43	33.55	242	8125	33.72	16.37	37.48	244	9125	42.07	17.09	45.41	248
7150	30.20	15.53	33.96	243	8150	33.90	16.42	37.67	244	9150	41.80	17.11	45.17	248

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-7 02/25/65, 0025Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	41.26	17.23	44.72	247	10175	40.90	16.31	44.03	248	11175	38.52	12.08	40.37	252
9200	41.30	17.09	44.70	247	10200	41.00	15.50	43.83	249	11200	38.31	12.90	40.42	251
9225	41.37	16.95	44.70	248	10225	40.77	15.39	43.58	249	11225	38.03	13.36	40.31	250
9250	41.23	17.17	44.66	247	10250	40.87	15.70	43.78	249	11250	38.30	13.11	40.48	251
9275	41.03	17.19	44.49	247	10275	41.27	15.35	44.03	249	11275	37.86	13.16	40.09	251
9300	40.86	16.56	44.08	248	10300	41.48	15.35	44.23	250	11300	37.49	13.38	39.81	250
9325	40.94	16.50	44.14	248	10325	41.91	15.19	44.58	250	11325	37.82	13.51	40.16	250
9350	41.26	16.85	44.57	248	10350	42.62	15.12	45.22	250	11350	38.06	13.63	40.42	250
9375	41.22	16.76	44.50	248	10375	42.59	15.20	45.23	250	11375	38.25	13.90	40.70	250
9400	40.86	16.24	43.97	248	10400	42.25	15.05	44.85	250	11400	38.41	14.22	40.95	250
9425	41.13	16.22	44.21	248	10425	42.16	15.13	44.80	250	11425	38.63	14.52	41.27	249
9450	41.34	16.47	44.50	248	10450	42.49	14.64	44.94	251	11450	39.10	14.39	41.66	250
9475	41.23	16.57	44.43	248	10475	42.77	14.38	45.12	251	11475	39.39	14.63	42.02	249
9500	41.18	16.36	44.31	248	10500	42.60	14.70	45.07	251	11500	39.66	14.67	42.29	250
9525	41.30	16.62	44.52	248	10525	42.41	14.54	44.84	251	11525	40.42	13.59	42.64	251
9550	41.46	16.61	44.67	248	10550	42.64	14.01	44.89	252	11550	40.60	14.01	42.95	251
9575	41.36	16.70	44.60	248	10575	42.66	13.79	44.83	252	11575	40.78	14.20	43.19	251
9600	41.28	16.93	44.61	248	10600	42.46	13.78	44.65	252	11600	41.38	13.59	43.55	252
9625	41.44	16.89	44.75	248	10625	42.46	13.62	44.59	252	11625	42.18	13.61	44.32	252
9650	40.99	17.20	44.45	247	10650	42.36	13.52	44.47	252	11650	42.65	13.60	44.76	252
9675	41.22	17.09	44.62	247	10675	42.00	13.04	43.98	253	11675	42.57	13.98	44.81	252
9700	41.45	16.70	44.68	248	10700	41.70	12.18	43.44	254	11700	43.42	13.71	45.53	252
9725	40.92	16.47	44.12	248	10725	41.28	12.03	43.00	254	11725	43.21	13.88	45.38	252
9750	40.92	16.71	44.20	248	10750	40.95	11.82	42.62	254	11750	42.76	15.07	45.33	250
9775	40.98	16.64	44.23	248	10775	40.44	11.58	42.07	254	11775	43.66	14.38	45.96	252
9800	40.75	16.60	44.00	248	10800	39.82	11.81	41.53	253	11800	43.91	14.04	46.10	252
9825	41.07	16.30	44.19	248	10825	39.60	11.75	41.31	253	11825	43.59	14.45	45.92	251
9850	41.29	16.07	44.31	249	10850	39.38	11.70	41.08	253	11850	43.01	15.02	45.55	251
9875	40.96	16.56	44.18	248	10875	39.17	11.64	40.86	253	11875	42.94	14.53	45.33	251
9900	40.95	16.53	44.17	248	10900	38.95	11.58	40.64	253	11900	43.32	14.14	45.57	252
9925	41.11	16.32	44.23	248	10925	38.73	11.53	40.41	253	11925	43.30	13.73	45.42	252
9950	41.27	16.20	44.33	248	10950	38.52	11.47	40.19	253	11950	43.15	13.80	45.31	252
9975	41.17	16.32	44.28	248	10975	38.08	11.92	39.90	252	11975	43.13	14.51	45.50	251
10000	40.90	16.12	43.96	248	11000	38.29	12.07	40.15	252	12000	43.35	13.90	45.53	252
10025	41.16	15.92	44.13	249	11025	38.27	11.68	40.01	253	12025	43.54	13.57	45.61	253
10050	41.31	16.47	44.47	248	11050	38.11	11.91	39.93	252	12050	43.73	14.40	46.04	252
10075	41.48	16.42	44.61	248	11075	38.15	12.14	40.03	252	12075	43.84	14.98	46.33	251
10100	41.82	15.80	44.71	249	11100	38.35	11.71	40.10	253	12100	44.39	14.59	46.73	252
10125	41.80	15.58	44.61	249	11125	38.02	11.80	39.81	253	12125	44.56	15.02	47.03	251
10150	41.14	16.11	44.18	248	11150	37.95	12.03	39.81	252	12150	44.56	15.17	47.07	251

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-35 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1272-7 02/25/65, 0025Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	44.80	14.62	47.13	252	13175	50.90	12.17	52.33	256	14175	45.65	8.69	46.47	259
12200	44.66	14.60	46.98	252	13200	50.85	12.23	52.30	256	14200	46.15	7.86	46.81	260
12225	44.59	14.61	46.92	252	13225	50.47	12.24	51.94	256	14225	45.75	8.55	46.54	259
12250	44.98	13.46	46.95	253	13250	49.81	12.20	51.28	256	14250	45.46	8.92	46.32	259
12275	45.31	12.69	47.05	254	13275	49.65	12.10	51.11	256	14275	44.85	10.86	46.14	256
12300	45.36	12.51	47.05	254	13300	49.76	11.61	51.09	257	14300	45.97	10.44	47.14	257
12325	45.02	12.54	46.73	254	13325	49.80	11.51	51.11	257	14325	46.62	9.94	47.67	258
12350	45.70	12.26	47.31	255	13350	50.10	11.52	51.41	257	14350	46.35	11.00	47.64	256
12375	47.02	12.47	48.65	255	13375	50.88	10.87	52.03	258	14375	46.55	10.47	47.71	257
12400	47.53	13.29	49.35	254	13400	50.40	12.35	51.89	256	14400	46.00	12.61	47.70	254
12425	47.56	14.89	49.84	252	13425	50.00	13.31	51.74	255	14425	46.78	11.84	48.25	256
12450	48.20	15.34	50.58	252	13450	50.72	11.73	52.06	257	14450	46.87	12.65	48.55	255
12475	48.93	15.44	51.31	252	13475	50.56	11.51	51.85	257	14475	46.05	14.23	48.19	253
12500	49.45	15.88	51.94	252	13500	50.50	12.20	51.96	256	14500	46.21	13.67	48.19	253
12525	49.97	16.03	52.47	252	13525	51.51	10.82	52.63	258	14525	46.16	14.46	48.37	252
12550	50.39	15.73	52.79	252	13550	51.43	10.38	52.47	258	14550	45.82	14.80	48.15	252
12575	50.61	15.67	52.98	253	13575	51.00	9.38	51.86	259	14575	45.49	14.93	47.87	252
12600	50.83	15.57	53.16	253	13600	50.80	9.27	51.64	259	14600	45.18	15.87	47.89	250
12625	51.43	14.64	53.47	254	13625	50.60	9.16	51.42	260	14625	45.26	16.66	48.23	250
12650	51.41	15.18	53.61	253	13650	50.08	8.40	50.78	260	14650	45.52	15.86	48.20	251
12675	51.63	15.43	53.89	253	13675	50.80	7.41	51.33	262	14675	45.71	15.25	48.18	251
12700	52.20	14.54	54.19	254	13700	50.85	7.41	51.39	262	14700	45.71	16.16	48.48	250
12725	52.57	13.73	54.33	255	13725	50.10	6.22	50.77	260	14725	45.51	15.73	48.16	251
12750	52.39	13.82	54.18	255	13750	49.75	8.07	50.40	261	14750	45.85	15.63	48.44	251
12775	51.96	14.54	53.96	254	13775	49.61	7.83	50.22	261	14775	46.11	15.75	48.73	251
12800	51.67	14.42	53.64	254	13800	49.76	7.37	50.31	261	14800	46.38	15.88	49.02	251
12825	51.60	14.03	53.47	255	13825	49.42	8.10	50.08	261	14825	46.79	15.58	49.32	251
12850	52.17	13.99	54.01	255	13850	48.88	8.78	49.67	260	14850	46.08	16.13	48.82	251
12875	52.07	14.31	54.00	254	13875	48.60	8.88	49.41	259	14875	46.53	15.60	49.08	251
12900	51.95	14.20	53.85	255	13900	48.44	8.60	49.20	260	14900	47.59	14.46	49.74	253
12925	52.03	13.97	53.87	255	13925	48.25	8.65	49.02	260	14925	47.79	13.83	49.75	254
12950	52.10	13.74	53.88	255	13950	48.06	8.69	48.84	260	14950	47.73	12.80	49.42	255
12975	51.90	14.24	53.82	254	13975	47.16	9.22	48.05	259	14975	47.51	14.02	49.54	253
13000	51.80	14.66	53.84	254	14000	46.86	8.01	47.54	260	15000	47.68	13.51	49.56	254
13025	51.75	14.23	53.67	254	14025	46.25	7.36	46.83	261	15025	47.85	13.00	49.59	255
13050	51.20	14.32	53.22	254	14050	46.35	6.92	46.86	261	15050	48.27	11.54	49.63	256
13075	50.89	14.94	53.04	253	14075	46.76	6.34	47.19	262	15075	48.37	11.96	49.83	256
13100	50.78	14.46	52.80	254	14100	46.14	7.46	46.74	261	15100	48.70	11.69	50.08	256
13125	51.04	13.10	52.69	255	14125	45.89	7.90	46.57	260	15125	48.98	10.77	50.15	257
13150	51.08	12.54	52.60	256	14150	45.45	8.51	46.24	259	15150	48.87	10.05	49.89	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1272-7 02/25/65, 0025Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	48.44	9.62	49.39	259	16175	41.99	9.47	43.04	257	17175	36.28	16.14	39.71	246
15200	49.17	9.38	50.05	259	16200	41.71	9.97	42.89	256	17200	36.57	15.49	39.72	247
15225	48.60	8.56	49.35	260	16225	41.44	10.47	42.74	256	17225	35.23	15.71	38.57	246
15250	47.30	7.58	47.90	261	16250	41.23	9.53	42.32	257	17250	34.82	16.08	38.36	245
15275	46.38	7.49	46.98	261	16275	41.42	9.14	42.41	257	17275	34.42	16.44	38.15	244
15300	46.37	6.56	46.83	262	16300	39.99	11.23	41.53	254	17300	33.27	16.46	37.11	243
15325	45.73	5.65	46.07	263	16325	39.92	10.26	41.22	255	17325	31.43	17.04	35.76	241
15350	45.41	5.97	45.80	262	16350	38.20	10.88	39.72	254	17350	29.23	18.11	34.39	238
15375	45.09	6.28	45.52	262	16375	39.85	10.85	41.30	255	17375	29.07	18.10	34.24	238
15400	44.78	5.55	45.12	263	16400	40.26	10.55	41.62	255	17400	28.90	18.08	34.09	238
15425	44.29	4.89	44.56	264	16425	38.53	11.33	40.17	253	17425	28.64	16.66	33.14	240
15450	42.60	5.49	42.95	262	16450	38.30	11.32	39.94	253	17450	23.10	14.63	27.34	237
15475	42.28	5.67	42.65	262	16475	38.31	11.76	40.07	253	17475	22.92	14.56	27.15	237
15500	41.95	5.84	42.36	262	16500	37.68	13.02	39.87	251	17500	22.73	14.50	26.96	237
15525	42.05	5.40	42.40	263	16525	35.11	16.93	38.98	244	17525	22.55	14.43	26.77	237
15550	40.73	5.78	41.13	262	16550	35.58	11.15	37.28	252	17550	22.36	14.37	26.58	237
15575	40.18	6.58	40.71	261	16575	37.96	11.46	39.65	253	17575	22.18	14.31	26.39	237
15600	41.14	5.67	41.53	262	16600	39.04	12.71	41.05	252	17600	22.00	14.24	26.20	237
15625	41.12	5.41	41.48	262	16625	36.81	13.38	39.17	250	17625	21.12	13.73	25.19	237
15650	40.06	6.67	40.61	260	16650	36.72	11.72	38.55	252	17650	20.24	13.21	24.17	237
15675	39.16	7.68	39.91	259	16675	35.87	12.71	38.06	250	17675	19.37	12.69	23.16	237
15700	39.14	7.75	39.90	259	16700	36.35	13.31	38.71	250	17700	18.36	13.48	22.78	234
15725	39.79	7.49	40.48	259	16725	37.34	13.21	39.60	250	17725	18.40	12.92	22.48	235
15750	40.24	7.65	40.96	259	16750	36.20	14.91	39.15	247	17750	18.43	12.36	22.19	236
15775	39.94	8.07	40.75	258	16775	35.91	15.03	38.93	247	17775	18.28	11.48	21.59	238
15800	39.64	8.48	40.54	258	16800	35.91	15.03	38.93	247	17800	17.78	12.27	21.60	235
15825	39.19	8.73	40.15	257	16825	35.92	15.04	38.94	247	17825	17.27	13.05	21.65	233
15850	38.86	8.96	39.88	257	16850	35.92	15.04	38.94	247	17850	17.73	11.99	21.40	236
15875	38.17	9.81	39.41	255	16875	35.92	15.05	38.95	247	17875	17.25	12.01	21.02	235
15900	37.70	9.25	38.82	256	16900	35.93	15.05	38.95	247	17900	17.89	10.97	20.98	238
15925	37.05	9.71	38.30	255	16925	35.93	15.05	38.96	247	17925	18.21	10.22	20.88	241
15950	35.29	12.06	37.29	251	16950	35.93	15.06	38.96	247	17950	17.80	10.18	20.51	240
15975	39.80	8.82	40.77	257	16975	35.94	15.06	38.96	247	17975	17.33	10.04	20.03	240
16000	39.67	10.43	41.02	255	17000	35.28	15.29	38.45	246					
16025	39.33	10.90	40.81	254	17025	36.03	14.70	38.91	248					
16050	39.04	10.74	40.49	254	17050	36.25	15.29	39.34	247					
16075	39.62	10.95	41.11	254	17075	36.17	15.51	39.36	247					
16100	39.81	10.51	41.18	255	17100	36.10	15.73	39.38	246					
16125	40.01	10.06	41.25	256	17125	36.02	15.95	39.39	246					
16150	40.70	8.63	41.61	258	17150	36.07	16.11	39.50	246					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-36

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-8 02/25/65, 0144Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	8.20	13.73	16.00	211	1225	15.68	19.11	24.72	219	2225	16.20	17.88	24.13	222
250	8.27	14.68	16.85	209	1250	15.67	19.06	24.67	219	2250	16.12	17.90	24.09	222
275	9.11	15.82	18.26	210	1275	15.67	18.90	24.55	219	2275	16.07	17.86	24.03	222
300	10.28	16.39	19.35	212	1300	15.88	18.94	24.71	220	2300	16.15	17.78	24.02	222
325	11.10	16.46	19.86	214	1325	15.93	18.89	24.71	220	2325	16.41	17.88	24.27	222
350	11.23	16.69	20.12	214	1350	15.87	18.63	24.48	220	2350	16.56	18.48	24.81	222
375	11.05	17.12	20.38	213	1375	15.93	18.46	24.38	221	2375	16.62	18.72	25.03	221
400	11.07	17.37	20.59	212	1400	15.94	18.25	24.23	221	2400	16.94	18.87	25.36	222
425	11.63	17.70	21.18	213	1425	15.91	18.28	24.23	221	2425	17.07	19.19	25.68	221
450	12.14	18.05	21.75	214	1450	15.77	18.34	24.19	220	2450	17.27	19.26	25.87	222
475	12.32	18.34	22.09	214	1475	15.79	18.18	24.08	221	2475	17.58	19.34	26.14	222
500	12.55	19.07	22.83	213	1500	15.93	18.11	24.12	221	2500	17.75	19.31	26.22	222
525	13.06	20.07	23.94	213	1525	15.87	17.87	23.90	221	2525	17.79	19.15	26.14	223
550	13.33	20.42	24.38	213	1550	16.02	17.81	23.95	222	2550	17.72	19.05	26.02	223
575	13.37	20.50	24.48	213	1575	16.26	18.10	24.32	222	2575	17.63	18.92	25.86	223
600	13.47	20.70	24.70	213	1600	16.35	17.90	24.25	222	2600	17.55	18.67	25.62	223
625	13.84	20.70	24.90	214	1625	16.47	17.43	23.98	223	2625	17.62	18.60	25.62	223
650	14.10	20.69	25.04	214	1650	16.56	17.22	23.89	224	2650	17.66	18.70	25.72	223
675	14.21	20.67	25.08	214	1675	16.70	17.37	24.09	224	2675	17.56	18.82	25.75	223
700	14.36	20.44	24.98	215	1700	16.70	17.46	24.16	224	2700	17.45	18.89	25.72	223
725	14.24	19.95	24.51	215	1725	16.70	17.40	24.12	224	2725	17.42	18.96	25.75	222
750	14.16	19.62	24.20	216	1750	16.75	17.48	24.21	224	2750	17.64	19.02	25.94	223
775	14.31	19.47	24.16	216	1775	16.70	17.43	24.14	224	2775	17.65	18.97	25.91	223
800	14.35	19.16	23.94	217	1800	16.62	17.54	24.16	223	2800	17.54	18.94	25.81	223
825	14.38	18.97	23.81	217	1825	16.36	17.74	24.13	222	2825	17.60	19.02	25.91	223
850	14.79	18.88	23.98	218	1850	16.09	17.55	23.81	222	2850	17.43	19.05	25.82	222
875	14.80	18.72	23.87	218	1875	15.94	17.43	23.62	222	2875	17.14	18.95	25.55	222
900	14.59	18.84	23.83	218	1900	15.88	17.44	23.59	222	2900	16.97	19.10	25.55	221
925	14.66	19.07	24.06	217	1925	16.04	17.40	23.66	222	2925	16.66	19.52	25.67	220
950	14.59	19.08	24.02	217	1950	16.28	17.48	23.89	223	2950	16.40	19.68	25.61	220
975	14.65	18.98	23.97	217	1975	16.31	17.33	23.80	223	2975	16.14	19.81	25.55	219
1000	14.69	18.80	23.86	218	2000	16.48	17.04	23.71	224	3000	15.85	19.96	25.49	218
1025	14.51	18.57	23.57	218	2025	16.67	17.06	23.86	224	3025	15.83	19.97	25.48	218
1050	14.51	18.51	23.52	218	2050	16.78	16.95	23.85	225	3050	15.92	19.98	25.55	218
1075	14.48	18.47	23.47	218	2075	16.96	16.85	23.91	225	3075	15.64	19.87	25.29	218
1100	14.59	18.52	23.57	218	2100	16.85	16.94	23.89	225	3100	15.54	19.67	25.07	218
1125	15.13	18.85	24.17	219	2125	16.63	17.04	23.81	224	3125	15.92	19.58	25.24	219
1150	15.31	18.98	24.38	219	2150	16.39	17.15	23.73	224	3150	16.22	19.51	25.37	220
1175	15.49	19.10	24.59	219	2175	16.16	17.18	23.59	223	3175	16.51	19.50	25.55	220
1200	15.74	19.21	24.83	219	2200	16.14	17.46	23.77	223	3200	16.71	19.53	25.70	220

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-8 02/25/65, 0144Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	16.76	19.44	25.66	221	4225	19.96	18.98	27.55	226	5225	27.31	17.63	32.51	237
3250	16.83	19.40	25.68	221	4250	20.59	19.28	28.21	227	5250	27.36	17.22	32.33	238
3275	16.81	19.31	25.60	221	4275	21.18	19.68	28.91	227	5275	27.42	16.93	32.23	238
3300	16.82	19.25	25.56	221	4300	21.82	20.21	29.74	227	5300	27.62	16.72	32.29	239
3325	16.73	19.09	25.38	221	4325	22.38	20.98	30.67	227	5325	27.77	16.55	32.32	239
3350	16.52	18.92	25.11	221	4350	22.54	21.81	31.36	226	5350	27.96	16.36	32.40	239
3375	16.34	18.69	24.82	221	4375	22.57	22.34	31.76	225	5375	28.01	16.14	32.33	240
3400	16.12	18.52	24.55	221	4400	22.62	22.75	32.08	225	5400	27.96	15.91	32.17	240
3425	15.78	18.59	24.38	220	4425	22.68	22.97	32.28	224	5425	27.89	15.58	31.94	241
3450	15.48	18.56	24.17	220	4450	22.71	22.63	32.06	225	5450	27.82	15.14	31.67	241
3475	15.34	18.62	24.13	219	4475	22.75	22.59	32.07	225	5475	28.04	14.85	31.73	242
3500	15.11	18.79	24.12	219	4500	22.85	22.76	32.25	225	5500	28.31	14.63	31.87	242
3525	14.99	18.88	24.11	218	4525	22.88	22.56	32.14	225	5525	28.53	14.45	31.98	243
3550	15.03	19.01	24.23	218	4550	22.87	22.45	32.05	225	5550	28.72	14.27	32.07	243
3575	14.98	19.39	24.50	218	4575	22.91	22.34	32.00	226	5575	28.66	14.18	31.98	243
3600	14.81	19.63	24.59	217	4600	23.00	22.16	31.94	226	5600	28.36	14.51	31.86	243
3625	14.56	19.75	24.54	216	4625	23.21	22.11	32.05	226	5625	28.05	14.88	31.75	242
3650	14.46	20.18	24.82	215	4650	23.44	21.99	32.14	227	5650	27.91	15.12	31.74	241
3675	14.45	20.65	25.20	215	4675	23.71	21.89	32.27	227	5675	27.93	15.49	31.94	241
3700	14.39	20.79	25.28	215	4700	24.04	21.75	32.42	228	5700	27.95	15.68	32.05	241
3725	14.58	21.00	25.56	215	4725	24.34	21.34	32.37	229	5725	27.79	15.80	31.97	240
3750	14.55	20.95	25.50	215	4750	24.75	21.00	32.46	229	5750	27.69	15.99	31.98	240
3775	14.49	20.71	25.28	215	4775	25.25	20.96	32.81	230	5775	27.74	16.25	32.15	239
3800	14.62	20.79	25.41	215	4800	25.62	20.84	33.02	231	5800	27.69	16.44	32.20	239
3825	14.86	20.80	25.56	215	4825	25.85	20.57	33.04	231	5825	27.54	16.67	32.19	239
3850	15.51	20.73	25.89	217	4850	26.15	20.10	32.98	232	5850	27.30	16.80	32.06	238
3875	16.02	20.78	26.24	217	4875	26.59	19.70	33.09	233	5875	27.34	16.89	32.13	238
3900	16.40	20.94	26.59	218	4900	26.76	19.33	33.02	234	5900	27.41	17.15	32.33	238
3925	16.61	20.73	26.57	219	4925	26.59	18.88	32.61	234	5925	27.40	17.64	32.59	237
3950	16.43	20.16	26.00	219	4950	26.60	18.38	32.33	235	5950	27.42	17.99	32.79	237
3975	16.32	19.70	25.58	219	4975	26.71	18.18	32.31	236	5975	27.46	18.16	32.92	236
4000	16.43	19.26	25.31	220	5000	26.51	18.36	32.25	235	6000	27.33	18.37	32.93	236
4025	16.33	18.88	24.96	221	5025	26.62	18.61	32.48	235	6025	27.18	18.55	32.91	235
4050	16.49	18.64	24.89	221	5050	26.99	18.86	32.93	235	6050	27.15	18.70	32.97	235
4075	16.87	18.50	25.04	222	5075	27.22	19.15	33.28	235	6075	27.05	18.77	32.93	235
4100	16.92	18.59	25.14	222	5100	27.36	19.24	33.44	235	6100	27.13	18.91	33.07	235
4125	17.28	18.68	25.45	223	5125	27.47	19.11	33.47	235	6125	27.37	19.45	33.58	234
4150	17.87	18.66	25.84	224	5150	27.60	18.95	33.48	235	6150	27.48	19.77	33.85	234
4175	18.48	18.71	26.30	224	5175	27.48	18.68	33.22	236	6175	27.12	19.85	33.61	234
4200	19.23	18.86	26.93	225	5200	27.34	18.14	32.80	236	6200	27.14	19.58	33.46	234

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-36 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-8 02/25/65, 0144Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	27.39	18.91	33.28	235	7225	32.41	17.42	36.79	242	8225	37.52	17.63	41.46	245
6250	27.47	18.61	33.18	236	7250	32.62	17.40	36.97	242	8250	38.39	17.46	42.18	245
6275	27.55	18.33	33.09	236	7275	32.84	17.29	37.12	242	8275	38.73	17.20	42.38	246
6300	27.66	17.81	32.90	237	7300	32.96	17.14	37.15	242	8300	38.87	17.09	42.46	246
6325	27.83	17.19	32.71	238	7325	33.19	17.03	37.31	243	8325	38.99	17.44	42.71	246
6350	28.07	16.65	32.64	239	7350	33.38	17.23	37.56	243	8350	38.96	17.34	42.64	246
6375	28.15	16.64	32.70	239	7375	33.86	17.48	38.11	243	8375	38.76	16.96	42.31	246
6400	27.88	16.41	32.35	239	7400	34.58	18.01	38.99	242	8400	38.53	17.25	42.21	246
6425	27.50	16.05	31.84	240	7425	35.40	18.74	40.05	242	8425	38.42	17.29	42.13	246
6450	27.55	16.01	31.87	240	7450	36.17	19.44	41.07	242	8450	38.46	16.93	42.02	246
6475	27.60	15.93	31.87	240	7475	36.11	20.20	41.37	241	8475	38.94	16.84	42.42	246
6500	27.25	16.18	31.70	239	7500	36.00	20.28	41.32	240	8500	39.41	16.98	42.91	247
6525	26.92	16.41	31.53	238	7525	36.14	20.15	41.38	241	8525	39.79	17.14	43.32	247
6550	26.58	16.32	31.19	238	7550	35.98	20.23	41.28	240	8550	40.02	16.76	43.39	247
6575	26.50	16.12	31.02	239	7575	35.91	20.25	41.22	240	8575	40.09	16.11	43.21	248
6600	26.35	16.37	31.02	238	7600	35.81	20.19	41.11	240	8600	40.07	16.27	43.25	248
6625	26.23	16.67	31.07	237	7625	35.51	20.31	40.91	240	8625	40.58	16.42	43.78	248
6650	25.93	16.86	30.93	237	7650	35.19	20.40	40.67	240	8650	40.96	16.64	44.21	248
6675	26.03	17.19	31.19	236	7675	34.96	20.23	40.39	240	8675	41.07	16.60	44.30	248
6700	26.53	17.74	31.91	236	7700	34.69	20.29	40.18	239	8700	41.34	16.24	44.42	248
6725	27.54	18.25	33.04	236	7725	34.52	20.38	40.09	239	8725	41.40	16.51	44.57	248
6750	28.50	18.40	33.92	237	7750	34.50	20.39	40.07	239	8750	41.68	16.36	44.78	248
6775	28.49	18.57	34.01	237	7775	34.20	20.66	39.96	239	8775	41.79	16.16	44.80	249
6800	28.32	18.37	33.76	237	7800	33.91	20.85	39.81	238	8800	41.71	16.61	44.90	248
6825	28.75	18.21	34.04	237	7825	34.04	20.60	39.79	239	8825	42.01	16.32	45.07	249
6850	29.65	18.50	34.95	238	7850	34.09	20.39	39.72	239	8850	42.27	16.35	45.32	249
6875	30.25	18.61	35.51	238	7875	34.08	20.17	39.60	239	8875	42.38	16.63	45.53	248
6900	30.36	18.39	35.49	239	7900	34.20	20.15	39.70	239	8900	42.63	16.40	45.68	249
6925	30.23	18.18	35.28	239	7925	34.35	20.20	39.85	239	8925	42.80	16.59	45.90	249
6950	29.99	18.14	35.04	239	7950	34.56	20.07	39.97	240	8950	42.90	16.69	46.03	249
6975	29.71	18.08	34.78	238	7975	34.78	20.11	40.17	240	8975	42.91	16.94	46.13	248
7000	29.56	17.98	34.60	239	8000	34.93	19.95	40.23	240	9000	42.91	17.00	46.15	248
7025	29.66	17.98	34.68	239	8025	35.26	19.89	40.48	240	9025	43.07	17.10	46.34	248
7050	29.68	18.23	34.83	238	8050	35.87	19.60	40.87	241	9050	43.00	17.43	46.40	248
7075	29.79	18.20	34.91	238	8075	36.43	19.28	41.22	242	9075	43.00	17.36	46.37	248
7100	30.33	17.98	35.26	239	8100	36.81	19.04	41.44	242	9100	43.13	17.24	46.44	248
7125	31.02	18.07	35.89	240	8125	37.20	18.57	41.58	243	9125	43.10	17.07	46.36	248
7150	31.59	18.04	36.38	240	8150	37.11	18.37	41.40	243	9150	42.92	17.31	46.28	248
7175	31.87	18.08	36.64	240	8175	36.95	18.13	41.16	244	9175	42.88	17.43	46.29	248
7200	32.11	17.88	36.76	241	8200	37.03	17.92	41.14	244	9200	43.06	17.41	46.44	248

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-8 02/25/65, 0144Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	43.01	17.31	46.36	248	10225	43.99	15.16	46.53	251	11225	41.54	10.95	42.96	255
9250	42.82	17.25	46.17	248	10250	44.25	14.73	46.63	251	11250	41.21	11.05	42.67	255
9275	42.78	17.30	46.15	248	10275	44.28	14.29	46.53	252	11275	41.67	11.38	43.20	255
9300	42.96	16.85	46.14	248	10300	44.76	13.46	46.74	253	11300	41.94	11.17	43.40	255
9325	43.10	16.67	46.21	249	10325	44.64	13.62	46.68	253	11325	42.08	11.11	43.52	255
9350	43.13	16.66	46.23	249	10350	44.72	13.56	46.73	253	11350	42.03	11.23	43.50	255
9375	43.01	16.88	46.20	248	10375	44.83	13.16	46.72	253	11375	41.82	11.55	43.38	254
9400	43.23	16.80	46.38	249	10400	44.47	13.17	46.38	253	11400	42.00	11.55	43.56	254
9425	43.22	16.70	46.34	249	10425	44.49	13.15	46.39	253	11425	42.37	10.82	43.73	255
9450	43.08	16.89	46.28	248	10450	44.65	13.14	46.55	253	11450	42.14	10.98	43.54	255
9475	43.29	16.47	46.32	249	10475	44.41	13.63	46.46	253	11475	41.79	11.53	43.35	254
9500	43.24	16.36	46.23	249	10500	44.47	13.37	46.43	253	11500	41.86	11.18	43.33	255
9525	43.20	16.27	46.16	249	10525	44.93	12.84	46.73	254	11525	41.93	11.16	43.39	255
9550	43.26	15.92	46.09	250	10550	44.68	13.15	46.57	253	11550	41.68	11.71	43.29	254
9575	43.05	16.12	45.97	249	10575	44.60	13.20	46.52	253	11575	41.91	11.48	43.46	254
9600	43.01	16.06	45.91	249	10600	44.78	13.30	46.71	253	11600	42.04	11.51	43.59	255
9625	43.01	15.99	45.89	249	10625	44.69	13.54	46.70	253	11625	42.03	11.44	43.56	255
9650	43.06	16.03	45.95	249	10650	44.98	13.24	46.88	253	11650	42.19	11.06	43.62	255
9675	43.41	15.89	46.22	250	10675	44.89	13.26	46.80	253	11675	42.39	10.89	43.77	255
9700	43.34	16.03	46.21	250	10700	44.67	13.17	46.57	253	11700	42.28	11.11	43.71	255
9725	43.19	16.02	46.07	249	10725	44.26	13.37	46.23	253	11725	42.08	11.46	43.61	255
9750	43.39	15.66	46.13	250	10750	44.39	13.60	46.43	253	11750	42.60	11.06	44.02	255
9775	43.24	15.74	46.02	250	10775	44.42	13.42	46.41	253	11775	42.91	10.41	44.16	256
9800	43.10	15.97	45.96	249	10800	43.62	12.99	45.51	253	11800	42.40	10.96	43.79	255
9825	43.15	15.79	45.95	250	10825	42.81	13.10	44.77	253	11825	42.41	10.87	43.78	255
9850	43.15	15.54	45.86	250	10850	42.39	13.13	44.38	253	11850	43.01	10.19	44.20	256
9875	43.28	15.45	45.96	250	10875	42.12	12.25	43.87	254	11875	43.14	10.94	44.51	256
9900	43.12	15.67	45.88	250	10900	41.21	12.81	43.15	253	11900	43.33	10.95	44.70	256
9925	42.92	15.72	45.71	250	10925	41.22	12.29	43.02	253	11925	43.59	10.67	44.88	256
9950	42.76	15.66	45.54	250	10950	41.47	10.98	42.90	255	11950	43.58	10.98	44.94	256
9975	43.18	15.39	45.84	250	10975	41.44	11.12	42.91	255	11975	43.65	11.25	45.07	255
10000	43.52	15.22	46.10	251	11000	41.64	11.02	43.08	255	12000	43.78	11.58	45.28	255
10025	43.32	15.73	46.09	250	11025	41.41	11.26	42.92	255	12025	44.62	11.25	46.02	256
10050	43.46	16.00	46.31	250	11050	41.25	11.44	42.80	254	12050	45.75	11.03	47.07	256
10075	43.52	15.76	46.29	250	11075	41.56	11.03	43.00	255	12075	45.88	11.40	47.28	256
10100	43.60	15.68	46.34	250	11100	41.75	11.11	43.20	255	12100	46.53	11.65	47.96	256
10125	43.75	15.66	46.47	250	11125	41.09	11.72	42.73	254	12125	47.08	11.87	48.55	256
10150	43.57	15.65	46.30	250	11150	41.00	11.50	42.59	254	12150	46.87	12.15	48.42	255
10175	43.57	15.62	46.29	250	11175	41.32	10.98	42.76	255	12175	46.36	12.07	47.91	255
10200	43.58	15.77	46.34	250	11200	41.55	10.98	42.98	255	12200	46.77	12.44	48.39	255

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-36 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-8 02/25/65, 0144Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	47.45	12.50	49.07	255	13225	51.59	13.15	53.23	256	14225	45.88	11.61	47.33	256
12250	48.37	11.94	49.82	256	13250	52.14	12.68	53.66	256	14250	45.42	12.38	47.08	255
12275	48.67	12.10	50.15	256	13275	51.90	12.82	53.46	256	14275	45.30	12.94	47.11	254
12300	48.77	12.35	50.31	256	13300	51.97	12.21	53.38	257	14300	45.47	12.78	47.23	254
12325	49.48	12.21	50.96	256	13325	51.42	13.53	53.17	255	14325	45.01	13.15	46.89	254
12350	49.95	12.41	51.47	256	13350	51.48	12.69	53.02	256	14350	45.42	13.13	47.28	254
12375	50.14	13.20	51.85	255	13375	51.08	13.23	52.77	255	14375	45.74	13.91	47.80	253
12400	51.22	14.09	53.13	254	13400	50.19	14.38	52.21	254	14400	45.76	15.29	48.25	251
12425	51.32	15.70	53.67	253	13425	49.89	12.83	51.52	255	14425	45.47	16.31	48.31	250
12450	51.88	16.44	54.43	252	13450	50.23	13.78	52.09	254	14450	45.21	16.24	48.03	250
12475	53.39	15.25	55.52	254	13475	50.26	13.82	52.12	254	14475	46.06	15.74	48.68	251
12500	53.22	15.49	55.43	254	13500	50.05	13.27	51.78	255	14500	46.13	15.68	48.72	251
12525	51.93	16.54	54.50	252	13525	49.57	13.34	51.34	255	14525	46.42	14.95	48.76	252
12550	51.44	16.65	54.07	252	13550	49.10	13.19	50.84	255	14550	45.70	16.85	48.71	250
12575	51.38	16.48	53.95	252	13575	49.60	12.65	51.19	256	14575	45.64	18.19	49.13	248
12600	51.72	16.62	54.32	252	13600	49.66	12.55	51.22	256	14600	46.38	17.30	49.50	249
12625	51.94	16.17	54.40	253	13625	49.44	11.41	50.74	257	14625	45.67	17.16	48.79	249
12650	51.76	15.77	54.11	253	13650	48.45	12.68	50.08	255	14650	46.59	17.82	49.88	249
12675	51.73	16.13	54.18	252	13675	48.34	12.92	50.03	255	14675	47.09	17.04	50.08	250
12700	52.17	15.66	54.47	253	13700	48.58	11.85	50.00	256	14700	47.46	15.71	49.99	252
12725	52.02	15.71	54.34	253	13725	47.83	13.43	49.68	254	14725	47.50	14.87	49.77	252
12750	51.42	15.71	53.77	253	13750	48.05	12.99	49.78	255	14750	47.57	14.93	49.86	252
12775	51.11	16.05	53.57	252	13775	47.32	14.14	49.39	253	14775	47.39	15.21	49.78	252
12800	51.23	16.32	53.76	252	13800	46.52	15.91	49.16	251	14800	46.66	14.59	48.89	252
12825	50.73	16.95	53.49	251	13825	46.44	15.73	49.03	251	14825	46.63	14.17	48.73	253
12850	50.81	16.68	53.48	252	13850	46.57	15.32	49.02	252	14850	46.69	13.51	48.60	254
12875	51.79	14.99	53.92	254	13875	46.79	15.02	49.14	252	14875	46.74	13.03	48.52	254
12900	51.68	15.27	53.89	253	13900	46.96	15.23	49.37	252	14900	44.91	12.73	46.68	254
12925	51.40	15.21	53.60	253	13925	46.98	15.32	49.41	252	14925	44.57	12.41	46.27	254
12950	51.20	14.90	53.32	254	13950	47.00	15.40	49.46	252	14950	44.92	9.97	46.01	257
12975	51.17	14.86	53.28	254	13975	47.19	14.12	49.26	253	14975	44.77	9.44	45.76	258
13000	51.10	15.09	53.28	253	14000	47.11	13.45	48.99	254	15000	43.08	10.25	44.28	256
13025	51.02	15.13	53.22	253	14025	46.91	13.24	48.74	254	15025	42.99	10.13	44.17	257
13050	51.88	14.11	53.76	255	14050	47.02	12.32	48.61	255	15050	42.90	10.01	44.05	257
13075	51.83	14.59	53.84	254	14075	46.80	12.06	48.33	255	15075	42.81	9.89	43.94	257
13100	51.28	15.05	53.44	253	14100	46.71	11.84	48.19	256	15100	42.01	7.90	42.75	259
13125	52.33	13.69	54.09	255	14125	46.62	11.62	48.05	256	15125	40.75	8.85	41.70	258
13150	52.66	13.63	54.39	255	14150	46.55	11.39	47.92	256	15150	40.55	9.02	41.54	257
13175	52.51	13.16	54.14	256	14175	46.40	11.24	47.74	256	15175	41.30	7.13	41.91	260
13200	52.06	12.99	53.66	256	14200	46.20	11.29	47.56	256	15200	41.80	5.72	42.19	262

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-8 02/25/65, 0144Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	41.78	5.73	42.17	262	16225	39.88	11.15	41.41	254	17225	33.09	20.63	39.00	238
15250	41.76	5.74	42.15	262	16250	39.73	9.84	40.93	256	17250	33.47	19.96	38.97	239
15275	42.10	4.46	42.33	264	16275	39.47	10.32	40.80	255	17275	34.02	19.46	39.20	240
15300	42.60	3.81	42.77	265	16300	39.80	9.74	40.97	256	17300	34.06	19.63	39.31	240
15325	42.53	4.27	42.75	264	16325	40.56	10.06	41.79	256	17325	33.85	19.37	39.00	240
15350	42.71	5.02	43.00	263	16350	40.77	10.46	42.09	255	17350	33.39	18.37	38.11	241
15375	42.36	5.63	42.73	262	16375	40.34	11.02	41.81	255	17375	31.05	20.51	37.21	236
15400	43.71	3.13	43.83	266	16400	38.33	11.41	39.99	253	17400	29.80	21.22	36.58	234
15425	42.59	5.20	42.91	263	16425	39.62	12.94	41.68	252	17425	28.67	21.18	35.65	233
15450	41.14	6.94	41.72	260	16450	42.74	14.29	45.06	251	17450	27.12	21.60	34.67	231
15475	42.05	5.19	42.37	263	16475	40.52	12.59	42.43	253	17475	26.59	21.17	33.99	231
15500	42.56	5.21	42.88	263	16500	40.50	12.50	42.38	253	17500	24.43	20.49	31.89	230
15525	42.35	5.70	42.73	262	16525	40.47	12.40	42.33	253	17525	22.91	19.38	30.01	230
15550	41.78	6.25	42.24	261	16550	40.45	12.31	42.28	253	17550	22.48	17.42	28.44	232
15575	41.16	6.41	41.65	261	16575	40.42	12.21	42.23	253	17575	22.34	14.94	26.88	236
15600	40.07	7.52	40.77	259	16600	40.40	12.05	42.15	253	17600	22.04	13.91	26.06	238
15625	40.53	5.96	40.97	261	16625	40.37	11.89	42.08	253	17625	22.34	12.01	25.36	242
15650	39.57	7.07	40.19	260	16650	40.08	12.69	42.04	252	17650	21.16	12.31	24.48	240
15675	38.39	9.00	39.43	257	16675	40.20	12.53	42.11	253	17675	20.86	13.17	24.67	238
15700	38.36	7.90	39.17	258	16700	39.97	12.81	41.98	252	17700	21.30	12.17	24.53	240
15725	38.59	7.02	39.22	260	16725	38.68	14.51	41.31	249	17725	22.16	11.67	25.05	242
15750	39.09	6.52	39.63	260	16750	38.68	14.48	41.31	249	17750	21.34	10.90	23.96	243
15775	38.52	7.89	39.32	258	16775	38.69	14.46	41.30	249	17775	21.23	10.91	23.87	243
15800	37.28	9.18	38.40	256	16800	38.70	14.44	41.30	249	17800	21.12	10.92	23.78	242
15825	38.74	6.99	39.37	260	16825	37.48	15.77	40.67	247	17825	21.02	10.93	23.69	242
15850	38.72	8.67	39.67	257	16850	37.12	15.83	40.35	247	17850	20.91	10.94	23.60	242
15875	39.29	11.03	40.80	254	16875	36.94	14.76	39.78	248	17875	19.65	11.11	22.58	240
15900	39.42	10.77	40.86	255	16900	36.58	17.02	40.35	245	17900	19.49	10.74	22.25	241
15925	39.55	10.51	40.92	255	16925	36.26	16.72	39.93	245	17925	18.81	10.53	21.56	241
15950	39.68	10.24	40.98	255	16950	35.72	15.96	39.12	246	17950	17.59	11.27	20.90	237
15975	40.39	10.21	41.66	256	16975	36.02	15.22	39.10	247	17975	17.17	11.31	20.56	236
16000	40.64	10.25	41.91	256	17000	35.97	17.65	40.06	244	18000	15.85	9.92	18.70	238
16025	39.94	10.24	41.24	255	17025	35.73	18.07	40.04	243	18025	15.66	9.64	18.39	238
16050	38.92	12.13	40.76	253	17050	34.85	17.55	39.02	243	18050	15.47	9.35	18.08	239
16075	40.66	10.06	41.89	256	17075	34.70	16.06	39.12	242	18075	15.29	9.07	17.77	239
16100	40.79	9.66	41.92	256	17100	34.30	18.57	39.00	241	18100	14.66	7.27	16.37	243
16125	40.92	9.26	41.95	257	17125	33.90	19.07	38.89	240	18125	14.14	7.53	16.02	242
16150	40.64	9.74	41.79	256	17150	33.44	19.93	38.93	239	18150	14.09	7.46	15.94	242
16175	40.35	10.22	41.63	256	17175	33.70	19.35	38.86	240	18175	14.12	6.27	15.45	246
16200	40.24	11.35	41.81	254	17200	33.37	19.65	38.73	239	18200	14.01	7.16	15.73	243

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-36 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-8 02/25/65, 0144Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
18225	14.17	7.06	15.83	243										
18250	13.97	7.32	15.77	242										
18275	13.74	7.63	15.71	241										
18300	13.50	7.95	15.67	239										
18325	12.10	8.32	14.68	235										
18350	12.36	8.27	14.87	236										
18375	12.15	8.50	14.83	235										
18400	13.14	8.54	15.67	237										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-37

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-9 02/25/65, 0259Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	5.48	14.05	15.08	201	1175	18.07	20.59	27.39	221	2175	16.02	18.75	24.66	220
200	6.08	15.21	16.38	202	1200	18.12	20.62	27.46	221	2200	15.94	18.86	24.69	220
225	7.00	16.29	17.73	203	1225	17.97	20.45	27.23	221	2225	16.05	18.71	24.66	220
250	7.48	16.74	18.33	204	1250	17.87	20.32	27.06	221	2250	16.55	18.53	24.85	222
275	7.67	17.28	18.91	204	1275	17.74	20.31	26.96	221	2275	16.77	18.06	24.65	223
300	8.09	17.97	19.70	204	1300	17.55	20.21	26.76	221	2300	16.82	17.72	24.43	223
325	9.15	18.88	20.98	206	1325	17.58	20.19	26.77	221	2325	17.00	17.70	24.54	224
350	10.24	19.43	21.96	208	1350	17.65	20.13	26.77	221	2350	16.92	17.52	24.35	224
375	11.06	19.00	21.99	210	1375	17.80	19.97	26.76	222	2375	16.98	17.48	24.37	224
400	10.99	19.42	22.31	209	1400	17.98	19.48	26.51	223	2400	17.14	17.68	24.63	224
425	11.12	20.58	23.39	208	1425	18.22	18.84	26.21	224	2425	17.18	17.82	24.75	224
450	12.46	21.19	24.58	210	1450	18.67	18.66	26.40	225	2450	17.35	17.66	24.75	224
475	13.50	21.56	25.44	212	1475	18.74	18.64	26.43	225	2475	17.45	17.58	24.77	225
500	13.73	21.68	25.67	212	1500	18.44	18.53	26.14	225	2500	17.28	17.67	24.72	224
525	14.26	21.82	26.07	213	1525	18.08	18.42	25.81	224	2525	17.18	17.72	24.68	224
550	14.80	21.95	26.48	214	1550	17.42	18.21	25.20	224	2550	17.27	18.03	24.97	224
575	14.88	22.05	26.60	214	1575	16.97	17.98	24.72	223	2575	17.27	18.02	24.96	224
600	14.89	21.98	26.55	214	1600	16.82	17.73	24.44	223	2600	17.62	18.15	25.30	224
625	14.87	21.95	26.52	214	1625	16.92	17.73	24.51	223	2625	18.06	18.64	25.95	224
650	14.85	22.03	26.57	214	1650	17.28	17.99	24.94	224	2650	18.07	18.89	26.15	224
675	14.74	22.07	26.54	214	1675	17.21	18.04	24.93	223	2675	18.15	19.26	26.46	223
700	14.63	21.94	26.38	214	1700	17.20	17.90	24.82	224	2700	18.10	19.66	26.72	222
725	14.70	21.74	26.24	214	1725	17.21	17.89	24.82	224	2725	17.77	19.74	26.55	222
750	14.70	21.43	25.99	214	1750	17.22	18.15	25.02	223	2750	17.55	19.70	26.39	222
775	14.84	21.17	25.85	215	1775	17.46	18.38	25.35	223	2775	17.46	19.88	26.46	221
800	15.09	21.12	25.96	215	1800	17.41	18.36	25.30	223	2800	17.38	20.10	26.57	221
825	14.97	20.92	25.72	215	1825	17.29	18.33	25.19	223	2825	17.40	20.23	26.68	221
850	15.26	20.89	25.87	216	1850	17.19	18.42	25.20	223	2850	17.34	20.46	26.81	220
875	15.50	20.76	25.91	217	1875	16.95	18.54	25.12	222	2875	17.00	20.72	26.80	219
900	15.71	20.43	25.77	217	1900	16.99	18.66	25.24	222	2900	16.67	20.86	26.70	218
925	16.35	20.65	26.33	218	1925	17.09	18.78	25.39	222	2925	16.57	21.07	26.81	218
950	16.54	20.94	26.68	218	1950	16.94	18.82	25.32	222	2950	16.67	21.39	27.12	218
975	16.57	21.06	26.79	218	1975	17.00	18.73	25.30	222	2975	16.74	21.39	27.17	218
1000	16.66	21.14	26.92	218	2000	17.07	18.50	25.18	223	3000	16.76	21.42	27.20	218
1025	16.67	21.08	26.87	218	2025	16.96	18.21	24.89	223	3025	16.64	21.71	27.35	217
1050	17.04	21.04	27.08	219	2050	16.90	18.10	24.76	223	3050	16.39	21.96	27.40	217
1075	17.37	21.00	27.25	219	2075	16.64	18.15	24.62	222	3075	16.17	22.02	27.32	216
1100	17.63	20.86	27.31	220	2100	16.51	18.15	24.54	222	3100	15.93	21.93	27.10	216
1125	17.96	20.83	27.50	221	2125	16.46	18.43	24.71	222	3125	15.98	21.97	27.17	216
1150	18.03	20.71	27.46	221	2150	16.18	18.70	24.73	221	3150	15.88	21.96	27.10	216

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1272-9 02/25/65, 0259Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	15.79	21.82	26.93	216	4175	22.64	21.60	31.29	226	5175	31.69	18.68	36.79	239
3200	15.92	21.73	26.93	216	4200	22.61	21.53	31.22	226	5200	31.81	18.34	36.72	240
3225	15.93	21.80	27.00	216	4225	22.49	22.03	31.48	225	5225	31.71	18.22	36.57	240
3250	15.90	21.94	27.10	216	4250	22.25	22.64	31.74	224	5250	31.70	17.93	36.42	240
3275	15.79	21.93	27.03	216	4275	22.29	23.03	32.05	224	5275	31.85	17.71	36.45	241
3300	15.61	21.81	26.82	215	4300	22.54	22.90	32.13	224	5300	31.66	17.57	36.21	241
3325	15.55	21.68	26.68	215	4325	23.21	22.81	32.54	225	5325	31.35	17.80	36.05	240
3350	15.54	21.53	26.55	216	4350	23.96	22.37	32.78	227	5350	31.31	17.77	36.00	240
3375	15.47	21.43	26.43	216	4375	24.59	22.22	33.14	228	5375	31.13	17.64	35.78	240
3400	15.77	21.50	26.66	216	4400	25.21	21.99	33.45	229	5400	31.08	17.56	35.70	240
3425	16.04	21.45	26.79	217	4425	25.73	21.92	33.81	229	5425	31.28	17.42	35.81	241
3450	16.52	21.53	27.13	217	4450	26.30	22.31	34.49	230	5450	31.20	17.47	35.76	241
3475	17.15	21.78	27.72	218	4475	26.46	22.29	34.60	230	5475	30.95	17.52	35.57	240
3500	17.14	22.01	27.90	218	4500	26.44	22.27	34.57	230	5500	30.71	17.65	35.42	240
3525	16.72	22.04	27.67	217	4525	26.64	22.44	34.83	230	5525	30.53	17.49	35.18	240
3550	16.51	21.96	27.47	217	4550	26.94	22.17	34.89	230	5550	30.54	17.74	35.32	240
3575	16.86	21.75	27.52	218	4575	27.65	21.51	35.03	232	5575	30.49	18.18	35.50	239
3600	17.05	21.76	27.65	218	4600	28.29	21.19	35.34	233	5600	30.43	18.26	35.49	239
3625	17.15	21.90	27.82	218	4625	28.62	21.23	35.64	233	5625	30.34	18.41	35.49	239
3650	17.38	21.98	28.02	218	4650	29.13	21.34	36.11	234	5650	29.90	18.88	35.36	238
3675	17.59	22.65	28.67	218	4675	29.50	21.51	36.51	234	5675	29.61	19.21	35.30	237
3700	17.80	23.01	29.09	218	4700	29.79	21.63	36.81	234	5700	29.53	19.20	35.23	237
3725	18.03	22.47	28.81	219	4725	29.87	21.46	36.78	234	5725	29.49	19.40	35.29	236
3750	18.15	21.70	28.29	220	4750	29.99	21.53	36.92	234	5750	29.55	19.74	35.53	236
3775	18.38	21.47	28.26	220	4775	30.04	21.38	36.87	234	5775	29.64	19.87	35.69	236
3800	18.74	21.41	28.46	221	4800	30.02	21.31	36.81	234	5800	29.48	20.01	35.63	236
3825	19.30	21.18	28.65	222	4825	30.07	21.32	36.87	234	5825	29.07	20.12	35.35	235
3850	19.90	21.37	29.21	223	4850	30.10	21.09	36.76	235	5850	28.98	19.96	35.19	235
3875	20.32	21.42	29.53	223	4875	30.39	20.96	36.92	235	5875	28.88	20.05	35.16	235
3900	20.80	21.03	29.58	225	4900	30.68	20.84	37.08	236	5900	28.61	20.38	35.13	234
3925	20.91	20.54	29.31	225	4925	30.70	20.85	37.11	236	5925	28.27	20.62	34.99	234
3950	20.88	20.18	29.04	226	4950	30.89	20.70	37.18	236	5950	27.65	20.69	34.54	233
3975	21.02	20.43	29.31	226	4975	31.47	20.35	37.48	237	5975	27.09	20.42	33.92	233
4000	21.04	21.18	29.85	225	5000	31.91	19.92	37.61	238	6000	27.09	20.43	33.93	233
4025	20.98	22.02	30.41	223	5025	31.98	19.45	37.43	239	6025	27.01	20.67	34.01	232
4050	20.87	22.24	30.50	223	5050	32.14	19.34	37.51	239	6050	26.99	20.81	34.08	232
4075	20.91	21.79	30.20	224	5075	32.21	19.03	37.41	239	6075	27.08	20.90	34.20	232
4100	21.16	21.42	30.11	224	5100	32.16	18.67	37.19	240	6100	26.82	20.69	33.88	232
4125	21.50	21.79	30.62	224	5125	32.28	18.50	37.20	240	6125	27.33	20.47	34.15	233
4150	22.21	22.03	31.28	225	5150	31.94	18.74	37.03	239	6150	28.49	20.24	34.95	234

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINE SPEED, THETA = WIND DIRECTIØN

TABLE II-37 con't

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-9 02/25/65, 0259Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	29.88	19.93	35.91	236	7175	35.28	21.41	41.27	239	8175	39.13	21.08	44.44	242
6200	30.81	20.06	36.77	237	7200	35.16	21.28	41.10	239	8200	39.38	20.74	44.51	242
6225	31.36	19.95	37.17	237	7225	34.76	21.33	40.78	238	8225	39.89	20.62	44.90	242
6250	31.95	19.59	37.48	238	7250	34.57	21.72	40.83	238	8250	40.34	20.99	45.47	242
6275	32.48	19.42	37.85	239	7275	34.58	21.80	40.88	238	8275	40.54	21.22	45.75	242
6300	32.42	19.39	37.77	239	7300	34.58	21.63	40.79	238	8300	40.57	21.85	46.08	242
6325	32.57	19.35	37.88	239	7325	34.56	21.49	40.70	238	8325	40.01	22.40	45.86	241
6350	32.57	19.29	37.85	239	7350	34.48	21.90	40.85	237	8350	40.45	22.60	46.34	241
6375	32.40	19.45	37.79	239	7375	34.18	22.18	40.74	237	8375	40.57	22.90	46.58	240
6400	32.46	19.83	38.03	238	7400	34.66	21.86	40.98	238	8400	40.17	22.76	46.17	240
6425	32.18	19.82	37.80	238	7425	34.84	22.05	41.23	237	8425	40.16	22.58	46.07	240
6450	32.31	19.53	37.75	239	7450	34.75	22.24	41.26	237	8450	40.17	22.62	46.10	240
6475	32.54	19.43	37.90	239	7475	35.28	22.09	41.63	238	8475	40.59	22.59	46.46	241
6500	32.63	19.07	37.79	240	7500	35.19	22.60	41.82	237	8500	40.61	22.42	46.39	241
6525	32.81	19.23	38.03	239	7525	35.01	22.75	41.75	237	8525	40.11	22.75	46.11	240
6550	33.23	19.17	38.36	240	7550	35.25	22.65	41.90	237	8550	40.46	22.58	46.33	241
6575	33.28	19.01	38.32	240	7575	35.59	22.36	42.04	238	8575	40.60	22.47	46.41	241
6600	33.08	19.07	38.18	240	7600	36.11	21.75	42.16	239	8600	40.58	22.45	46.38	241
6625	32.94	19.15	38.10	240	7625	36.07	21.89	42.19	239	8625	40.90	22.25	46.56	241
6650	32.66	19.12	37.85	239	7650	35.87	21.78	41.96	239	8650	40.61	22.56	46.46	241
6675	32.28	19.06	37.48	239	7675	36.08	21.60	42.06	239	8675	40.54	21.87	46.06	241
6700	32.59	18.55	37.50	240	7700	35.89	21.68	41.93	239	8700	40.82	21.39	46.09	242
6725	33.53	17.84	37.98	242	7725	35.87	21.30	41.72	239	8725	40.81	21.76	46.25	242
6750	33.94	17.48	38.18	243	7750	36.05	21.31	41.87	239	8750	40.84	21.67	46.23	242
6775	34.50	17.27	38.58	243	7775	35.89	21.42	41.80	239	8775	40.86	21.75	46.29	242
6800	34.38	17.44	38.55	243	7800	35.85	21.25	41.68	239	8800	41.12	21.83	46.55	242
6825	34.01	17.34	38.17	243	7825	35.46	21.27	41.35	239	8825	41.15	21.48	46.42	242
6850	33.74	17.53	38.02	242	7850	35.24	21.09	41.07	239	8850	41.37	20.89	46.35	243
6875	33.70	17.91	38.17	242	7875	35.51	20.63	41.06	240	8875	41.44	20.93	46.43	243
6900	33.78	18.19	38.37	242	7900	35.81	20.67	41.35	240	8900	41.49	20.94	46.48	243
6925	34.30	18.72	39.07	241	7925	36.24	20.82	41.80	240	8925	41.87	20.78	46.74	243
6950	35.19	19.10	40.04	241	7950	36.62	20.82	42.13	240	8950	41.82	20.88	46.74	243
6975	35.20	19.45	40.21	241	7975	36.85	20.51	42.17	241	8975	41.94	21.26	47.02	243
7000	35.60	19.77	40.72	241	8000	36.89	20.58	42.24	241	9000	42.16	20.72	46.98	244
7025	36.26	19.59	41.22	241	8025	37.55	20.54	42.80	241	9025	42.10	20.10	46.77	244
7050	36.21	20.09	41.41	241	8050	37.72	20.28	42.83	242	9050	42.05	20.74	46.89	244
7075	36.01	20.75	41.56	240	8075	37.73	20.59	42.99	241	9075	42.20	20.69	47.00	244
7100	35.81	21.09	41.56	239	8100	38.20	20.47	43.34	242	9100	42.04	20.95	46.98	243
7125	35.53	21.52	41.55	239	8125	38.65	20.51	43.76	242	9125	42.31	20.74	47.12	244
7150	35.22	21.55	41.29	238	8150	38.68	20.98	44.00	241	9150	42.38	20.60	47.12	244

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1272-9 02/25/65, 0259Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	42.51	20.50	47.20	244	10175	45.34	17.53	48.61	249	11175	47.92	11.29	49.23	257
9200	42.44	20.33	47.06	244	10200	45.42	17.23	48.57	249	11200	47.19	11.42	48.56	256
9225	42.51	20.34	47.13	244	10225	44.96	16.70	47.96	249	11225	47.79	10.21	48.87	258
9250	43.05	20.41	47.64	244	10250	44.89	16.20	47.73	250	11250	48.26	9.88	49.26	258
9275	43.13	20.34	47.69	245	10275	44.98	15.84	47.69	250	11275	47.95	10.20	49.03	258
9300	43.35	20.01	47.74	245	10300	44.95	15.71	47.61	251	11300	47.65	10.52	48.80	257
9325	43.21	20.22	47.71	245	10325	44.60	15.76	47.30	250	11325	47.35	10.84	48.57	257
9350	43.88	19.92	48.19	245	10350	44.55	15.55	47.19	251	11350	47.05	11.16	48.35	256
9375	43.85	20.05	48.22	245	10375	44.54	14.80	46.93	251	11375	46.74	11.48	48.13	256
9400	43.55	19.92	47.89	245	10400	44.71	15.00	47.16	251	11400	46.44	11.80	47.92	256
9425	44.14	19.37	48.20	246	10425	44.90	14.97	47.33	251	11425	47.00	10.57	48.17	257
9450	44.44	19.24	48.43	246	10450	45.28	14.42	47.52	252	11450	46.92	10.46	48.07	257
9475	44.14	19.40	48.21	246	10475	45.41	14.28	47.60	252	11475	46.81	10.97	48.08	257
9500	44.13	19.28	48.16	246	10500	46.03	14.48	48.26	252	11500	47.01	10.66	48.20	257
9525	44.43	19.01	48.33	247	10525	46.29	14.58	48.54	252	11525	47.00	10.66	48.19	257
9550	44.28	18.93	48.16	247	10550	46.45	14.20	48.57	253	11550	46.78	10.63	47.98	257
9575	44.33	18.80	48.15	247	10575	46.44	14.52	48.65	252	11575	46.80	9.56	47.77	258
9600	44.19	19.21	48.18	246	10600	46.32	14.07	48.41	253	11600	47.03	9.94	48.07	258
9625	44.30	19.00	48.20	247	10625	46.65	12.28	48.24	255	11625	46.83	10.24	47.94	257
9650	44.11	18.87	47.98	247	10650	46.46	13.58	48.41	254	11650	46.98	9.99	48.03	258
9675	43.96	18.89	47.85	247	10675	46.37	14.24	48.51	253	11675	47.09	9.85	48.11	258
9700	44.29	18.70	48.08	247	10700	46.48	13.70	48.45	253	11700	47.00	9.69	47.99	258
9725	44.30	18.72	48.10	247	10725	46.80	13.01	48.58	254	11725	46.92	9.80	47.93	258
9750	44.28	18.69	48.06	247	10750	47.17	13.47	49.05	254	11750	46.63	10.07	47.71	258
9775	44.99	18.47	48.63	247	10775	47.44	13.16	49.23	254	11775	46.48	9.86	47.52	258
9800	45.22	18.84	48.99	247	10800	47.58	12.27	49.14	255	11800	46.71	9.81	47.73	258
9825	45.19	18.54	48.85	248	10825	47.31	12.45	48.92	255	11825	46.77	9.42	47.70	258
9850	45.42	17.97	48.85	248	10850	47.58	12.76	49.26	255	11850	46.69	8.71	47.49	259
9875	45.09	18.53	48.75	247	10875	47.92	12.38	49.49	255	11875	47.04	9.14	47.92	259
9900	45.01	18.46	48.65	248	10900	48.26	11.90	49.71	256	11900	47.07	9.73	48.06	258
9925	45.38	18.04	48.83	248	10925	48.21	11.99	49.68	256	11925	47.00	10.17	48.09	258
9950	45.47	18.03	48.91	248	10950	48.34	11.54	49.70	256	11950	47.02	10.74	48.23	257
9975	45.83	17.82	49.17	249	10975	48.64	10.78	49.82	257	11975	46.97	10.68	48.17	257
10000	46.12	18.03	49.52	248	11000	48.53	11.34	49.83	257	12000	47.26	8.96	48.10	259
10025	45.98	18.39	49.52	248	11025	48.49	11.33	49.79	257	12025	47.58	11.38	48.92	256
10050	45.62	18.55	49.24	248	11050	48.11	11.24	49.40	257	12050	47.60	12.08	49.10	256
10075	45.78	18.14	49.25	248	11075	47.72	11.41	49.06	256	12075	48.06	11.93	49.51	256
10100	45.95	18.18	49.42	248	11100	48.53	11.18	49.80	257	12100	48.72	11.38	50.03	257
10125	46.05	18.10	49.48	248	11125	48.51	11.32	49.81	257	12125	48.88	12.30	50.41	256
10150	45.70	17.62	48.98	249	11150	48.00	11.46	49.35	256	12150	48.77	13.49	50.60	254

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-37 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1272-9 02/25/65, 0259Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	49.34	13.51	51.15	255	13175	51.85	16.67	54.47	252					
12200	49.68	13.26	51.42	255	13200	51.96	16.28	54.45	252					
12225	49.45	13.89	51.36	254	13225	52.61	14.78	54.65	254					
12250	50.17	15.68	52.56	252	13250	52.46	15.62	54.73	253					
12275	50.43	16.41	53.03	252	13275	52.56	15.69	54.85	253					
12300	51.02	17.29	53.87	251	13300	52.99	14.66	54.98	254					
12325	51.34	17.51	54.25	251	13325	52.85	14.74	54.87	254					
12350	51.26	17.38	54.13	251	13350	52.15	16.03	54.56	253					
12375	51.53	17.36	54.37	251	13375	51.94	15.65	54.25	253					
12400	51.45	17.89	54.47	251	13400	51.74	16.06	54.17	253					
12425	51.32	18.17	54.45	250	13425	52.06	16.53	54.62	252					
12450	51.80	17.62	54.71	251	13450	51.75	16.86	54.43	252					
12475	52.33	17.56	55.20	251	13475	50.87	17.70	53.86	251					
12500	52.93	17.17	55.65	252	13500	51.30	16.09	53.77	252					
12525	52.93	17.71	55.81	251	13525	51.26	16.41	53.82	252					
12550	52.03	18.77	55.32	250	13550	51.45	16.00	53.88	253					
12575	52.92	17.76	55.82	251	13575	51.34	15.56	53.64	253					
12600	53.01	17.50	55.83	252	13600	49.75	14.57	51.84	253					
12625	52.87	16.80	55.48	252	13625	50.74	14.73	52.84	254					
12650	52.68	17.78	55.60	251	13650	50.49	15.46	52.80	253					
12675	52.71	18.02	55.70	251	13675	49.64	17.35	52.58	251					
12700	52.76	18.38	55.87	251	13700	49.60	17.75	52.68	250					
12725	53.38	17.64	56.22	252	13725	49.64	16.99	52.47	251					
12750	53.54	16.88	56.14	252	13750	49.76	17.79	52.84	250					
12775	52.16	18.76	55.44	250	13775	49.75	16.27	53.00	250					
12800	52.91	17.84	55.85	251	13800	49.28	19.13	52.87	249					
12825	53.32	16.07	55.68	253	13825	49.48	18.78	52.93	249					
12850	52.16	16.65	54.76	252	13850	49.30	18.53	52.67	249					
12875	51.94	17.66	54.86	251	13875	49.60	18.49	52.94	249					
12900	52.83	17.20	55.56	252	13900	50.18	17.33	53.09	251					
12925	53.09	16.07	55.47	253	13925	49.66	16.34	52.27	252					
12950	52.91	14.98	54.99	254	13950	49.12	16.09	51.68	252					
12975	53.00	15.06	55.10	254	13975	48.09	15.53	50.53	252					
13000	52.88	16.50	55.39	252	14000	47.65	16.07	50.29	251					
13025	52.87	16.79	55.47	252										
13050	52.82	16.09	55.21	253										
13075	52.55	16.25	55.00	253										
13100	52.55	16.10	54.96	253										
13125	52.29	15.34	54.49	253										
13150	52.09	16.04	54.51	253										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-38

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1639 03/09/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	11.65	-3.67	12.22	287	1200	12.84	-3.53	13.31	285	2200	16.24	-7.53	17.90	295
225	11.98	-3.68	12.53	287	1225	12.88	-3.40	13.32	285	2225	16.67	-7.00	18.08	293
250	12.31	-3.34	12.75	285	1250	12.51	-3.61	13.02	286	2250	16.86	-6.41	18.03	291
275	12.11	-2.81	12.43	283	1275	12.37	-3.78	12.93	287	2275	17.11	-6.27	18.22	290
300	11.84	-2.36	12.07	281	1300	12.18	-3.91	12.80	288	2300	17.31	-6.06	18.34	289
325	11.91	-2.03	12.08	279	1325	12.12	-4.09	12.79	288	2325	17.42	-5.91	18.40	289
350	11.90	-1.91	12.05	279	1350	12.30	-4.21	13.00	289	2350	17.73	-6.06	18.74	289
375	11.76	-1.79	11.89	278	1375	12.43	-4.33	13.16	289	2375	18.08	-6.05	19.06	288
400	11.71	-1.59	11.82	278	1400	12.67	-4.46	13.43	289	2400	18.34	-5.94	19.28	288
425	11.72	-1.32	11.80	276	1425	13.00	-4.75	13.84	290	2425	18.82	-5.79	19.69	287
450	11.69	-1.14	11.74	275	1450	13.20	-5.02	14.13	291	2450	19.18	-5.52	19.96	286
475	11.90	-0.99	11.94	275	1475	13.09	-5.13	14.06	291	2475	19.20	-5.21	19.90	285
500	12.23	-0.85	12.25	274	1500	13.01	-5.37	14.07	292	2500	19.38	-4.95	20.00	284
525	12.38	-0.70	12.40	273	1525	12.87	-5.58	14.03	293	2525	19.69	-4.96	20.31	284
550	12.31	-0.42	12.32	272	1550	12.68	-5.69	13.90	294	2550	19.78	-5.19	20.45	285
575	12.06	-0.16	12.06	271	1575	12.82	-5.79	14.07	294	2575	19.79	-5.27	20.48	285
600	12.05	0.03	12.05	270	1600	13.10	-5.86	14.35	294	2600	19.74	-5.25	20.43	285
625	12.21	0.17	12.21	269	1625	13.32	-6.00	14.61	294	2625	19.71	-5.37	20.42	285
650	12.32	0.38	12.32	268	1650	13.42	-6.05	14.72	294	2650	19.54	-5.28	20.24	285
675	12.21	0.71	12.23	267	1675	13.48	-6.15	14.82	294	2675	19.04	-5.31	19.77	285
700	12.02	0.93	12.06	265	1700	13.85	-6.32	15.23	294	2700	18.71	-5.74	19.57	287
725	11.94	1.03	11.98	265	1725	13.95	-6.27	15.30	294	2725	18.65	-5.97	19.58	288
750	11.77	0.98	11.81	265	1750	13.75	-6.12	15.05	294	2750	19.08	-5.88	19.97	287
775	11.71	0.78	11.73	266	1775	13.86	-5.99	15.10	293	2775	19.98	-5.55	20.73	285
800	11.84	0.38	11.84	268	1800	14.03	-6.16	15.32	294	2800	20.60	-5.35	21.28	284
825	12.16	-0.20	12.16	271	1825	14.21	-6.51	15.63	294	2825	20.96	-5.51	21.67	285
850	12.07	-0.95	12.11	274	1850	14.31	-6.74	15.82	295	2850	21.36	-5.78	22.13	285
875	11.87	-1.76	12.00	278	1875	14.42	-6.99	16.02	296	2875	21.62	-5.55	22.32	284
900	11.69	-2.28	11.91	281	1900	14.56	-7.21	16.25	296	2900	22.03	-5.13	22.62	283
925	11.58	-2.91	11.94	284	1925	14.51	-7.31	16.25	297	2925	22.48	-5.06	23.04	283
950	11.84	-3.80	12.44	288	1950	14.65	-7.42	16.42	297	2950	22.69	-5.33	23.31	283
975	12.12	-4.93	13.08	292	1975	14.82	-7.42	16.57	296	2975	23.10	-6.04	23.88	284
1000	12.26	-5.58	13.47	294	2000	14.77	-7.42	16.53	296	3000	23.80	-6.33	24.62	285
1025	12.22	-5.49	13.39	294	2025	14.89	-7.54	16.69	297	3025	24.06	-6.24	24.86	284
1050	12.20	-5.25	13.20	295	2050	15.10	-7.59	16.90	297	3050	24.11	-6.04	24.85	284
1075	12.24	-5.11	13.26	292	2075	15.24	-7.71	17.08	297	3075	24.28	-5.53	24.91	283
1100	12.68	-5.05	13.65	292	2100	15.34	-7.89	17.25	297	3100	24.69	-5.13	25.22	282
1125	13.04	-4.86	13.91	290	2125	15.21	-8.07	17.22	298	3125	25.33	-4.78	25.78	281
1150	12.86	-4.58	13.65	289	2150	15.34	-8.19	17.39	298	3150	25.74	-4.67	26.16	280
1175	12.67	-4.04	13.29	288	2175	15.77	-7.95	17.66	297	3175	26.08	-4.70	26.50	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1639 03/09/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	26.28	-4.82	26.72	280	4200	32.79	-3.25	32.95	275	5200	36.94	-3.86	37.14	276
3225	26.19	-4.87	26.63	280	4225	32.84	-3.06	32.98	275	5225	37.29	-3.69	37.47	275
3250	26.34	-4.81	26.78	280	4250	32.86	-2.85	32.98	275	5250	37.33	-3.53	37.49	275
3275	26.76	-4.85	27.20	280	4275	32.89	-2.57	32.99	274	5275	37.57	-3.16	37.70	275
3300	26.99	-4.95	27.44	280	4300	32.60	-2.84	32.72	275	5300	38.08	-2.71	38.18	274
3325	27.36	-5.25	27.86	281	4325	32.40	-3.15	32.55	275	5325	38.12	-2.35	38.20	273
3350	27.61	-5.56	28.16	281	4350	32.60	-3.19	32.75	275	5350	38.22	-2.11	38.28	273
3375	27.65	-5.65	28.23	281	4375	32.61	-3.15	32.77	275	5375	38.67	-1.99	38.72	273
3400	27.39	-5.74	27.99	282	4400	32.57	-3.18	32.72	275	5400	38.99	-2.00	39.05	273
3425	27.15	-5.78	27.76	282	4425	32.80	-3.24	32.96	275	5425	39.00	-2.04	39.05	273
3450	27.07	-5.56	27.63	281	4450	32.92	-2.93	33.05	275	5450	38.96	-2.14	39.02	273
3475	26.89	-5.44	27.43	281	4475	32.78	-2.72	32.90	275	5475	38.98	-2.57	39.07	274
3500	26.71	-5.41	27.26	281	4500	32.84	-2.97	32.97	275	5500	39.13	-2.77	39.22	274
3525	26.56	-5.48	27.12	281	4525	33.05	-3.11	33.20	275	5525	39.49	-2.67	39.58	274
3550	26.55	-5.60	27.14	282	4550	33.09	-2.81	33.21	275	5550	39.55	-2.73	39.64	274
3575	26.71	-5.74	27.32	282	4575	33.26	-2.42	33.34	274	5575	39.48	-2.65	39.57	274
3600	26.88	-5.93	27.53	282	4600	33.43	-2.58	33.53	274	5600	39.89	-2.57	39.97	274
3625	27.11	-6.02	27.77	282	4625	33.77	-2.95	33.90	275	5625	40.15	-2.70	40.24	274
3650	27.62	-6.03	28.27	282	4650	34.17	-3.43	34.34	276	5650	40.07	-2.71	40.16	274
3675	28.15	-5.70	28.72	281	4675	34.13	-3.93	34.36	276	5675	40.18	-3.03	40.30	274
3700	28.76	-5.32	29.25	280	4700	34.16	-4.17	34.41	277	5700	40.43	-3.42	40.58	275
3725	29.28	-4.86	29.69	279	4725	34.27	-4.54	34.57	277	5725	40.52	-3.41	40.67	275
3750	29.61	-4.30	29.92	278	4750	34.35	-4.40	34.63	277	5750	40.57	-3.87	40.76	275
3775	29.78	-4.05	30.06	278	4775	34.70	-3.85	34.91	276	5775	40.90	-4.62	41.16	276
3800	29.79	-4.05	30.06	278	4800	34.92	-3.35	35.08	275	5800	41.35	-5.15	41.67	277
3825	29.51	-4.06	29.79	278	4825	34.97	-3.08	35.11	275	5825	41.84	-5.79	42.24	278
3850	29.02	-3.96	29.29	278	4850	35.32	-2.92	35.44	275	5850	42.24	-6.12	42.69	278
3875	28.80	-3.97	29.08	278	4875	35.82	-2.48	35.91	274	5875	42.49	-6.47	42.98	278
3900	28.74	-4.14	29.03	278	4900	36.21	-2.07	36.27	273	5900	42.68	-7.18	43.28	279
3925	28.92	-4.39	29.26	278	4925	36.34	-2.04	36.40	273	5925	42.99	-7.49	43.64	280
3950	29.49	-4.65	29.85	279	4950	36.63	-2.19	36.70	273	5950	43.22	-7.75	43.91	280
3975	29.97	-4.80	30.36	279	4975	36.84	-2.44	36.92	274	5975	43.26	-7.87	43.97	280
4000	30.40	-5.14	30.84	279	5000	36.88	-2.73	36.98	274	6000	43.26	-7.95	43.98	280
4025	30.90	-5.31	31.36	280	5025	36.97	-2.94	37.09	274	6025	43.41	-8.13	44.16	280
4050	31.54	-5.22	31.97	279	5050	36.99	-3.05	37.12	275	6050	43.68	-7.98	44.40	280
4075	31.85	-5.06	32.25	279	5075	36.94	-3.23	37.08	275	6075	43.92	-8.24	44.68	280
4100	31.95	-4.72	32.30	278	5100	36.87	-3.59	37.05	275	6100	44.12	-8.30	44.89	280
4125	32.21	-4.30	32.49	277	5125	36.90	-3.96	37.11	276	6125	44.51	-7.69	45.17	280
4150	32.36	-4.01	32.60	277	5150	36.75	-3.93	36.96	276	6150	44.80	-7.62	45.44	279
4175	32.56	-3.72	32.78	276	5175	36.64	-3.83	36.84	276	6175	44.94	-7.62	45.58	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-38 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1639 03/09/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	45.08	-7.57	45.71	279	7200	48.03	-1.80	48.06	272	8200	61.54	-9.35	62.24	278
6225	45.11	-7.72	45.76	280	7225	48.08	-1.45	48.11	272	8225	62.33	-8.73	62.94	278
6250	45.34	-7.49	45.96	279	7250	48.09	-1.69	48.12	272	8250	62.90	-8.03	63.41	277
6275	45.42	-7.52	46.04	279	7275	48.21	-2.19	48.26	272	8275	63.15	-7.90	63.65	277
6300	45.38	-7.28	45.96	279	7300	48.28	-2.39	52.27	273	8300	63.71	-8.67	64.30	278
6325	45.40	-6.75	45.90	278	7325	48.14	-2.24	48.19	272	8325	64.37	-9.48	65.07	278
6350	45.31	-6.44	45.76	278	7350	48.06	-2.10	48.11	272	8350	64.68	-10.32	65.50	279
6375	45.35	-6.11	45.76	277	7375	48.46	-2.56	48.53	273	8375	65.06	-10.44	65.89	279
6400	45.40	-5.90	45.78	277	7400	48.74	-2.94	48.83	273	8400	65.22	-10.70	66.10	279
6425	45.33	-5.68	45.68	277	7425	48.80	-3.12	48.90	273	8425	65.35	-10.97	66.27	279
6450	45.44	-5.47	45.77	277	7450	48.84	-3.10	48.94	273	8450	65.83	-11.12	66.76	279
6475	45.74	-5.50	46.07	277	7475	48.75	-3.25	48.86	274	8475	66.20	-11.36	67.16	280
6500	45.86	-5.33	46.16	276	7500	48.87	-4.16	49.04	275	8500	66.40	-11.71	67.42	280
6525	45.80	-4.74	46.04	276	7525	49.11	-4.84	49.35	275	8525	66.55	-12.09	67.64	280
6550	45.57	-4.51	45.79	275	7550	49.54	-5.40	49.83	276	8550	66.65	-11.86	67.70	280
6575	45.55	-4.43	45.76	275	7575	49.97	-5.64	50.29	276	8575	66.93	-10.99	67.82	279
6600	45.79	-4.27	45.99	275	7600	50.06	-5.99	50.42	277	8600	67.12	-11.19	68.05	279
6625	45.99	-4.11	46.18	275	7625	50.21	-6.33	50.61	277	8625	66.53	-11.83	67.57	280
6650	46.05	-3.96	46.22	275	7650	50.38	-6.62	50.81	277	8650	66.58	-12.09	67.67	280
6675	46.04	-4.08	46.22	275	7675	50.52	-7.38	51.05	278	8675	66.63	-12.35	67.76	280
6700	46.07	-4.20	46.26	275	7700	51.01	-8.20	51.66	279	8700	66.67	-12.60	67.86	281
6725	46.32	-4.15	46.50	275	7725	51.64	-8.68	52.37	279	8725	66.72	-12.86	67.95	281
6750	46.46	-4.27	46.66	275	7750	52.00	-8.79	52.74	279	8750	66.77	-13.12	68.05	281
6775	46.48	-4.49	46.69	275	7775	51.90	-9.36	52.73	280	8775	66.82	-13.38	68.14	281
6800	46.74	-4.46	46.96	275	7800	51.87	-9.71	52.77	280	8800	66.87	-13.63	68.24	281
6825	46.91	-4.43	47.12	275	7825.	52.15	-10.02	53.11	281	8825	66.91	-13.89	68.34	282
6850	46.86	-4.76	47.10	276	7850	52.62	-10.48	53.65	281	8850	66.96	-14.15	68.44	282
6875	47.10	-4.79	47.35	276	7875	53.38	-10.83	54.47	281	8875	67.01	-14.40	68.54	282
6900	47.30	-4.61	47.53	275	7900	53.79	-11.49	55.00	282	8900	67.06	-14.66	68.64	282
6925	47.07	-4.98	47.33	276	7925	54.35	-11.94	55.65	282	8925	67.10	-14.92	68.74	282
6950	46.95	-5.15	47.24	276	7950	54.76	-12.26	56.11	282	8950	67.15	-15.17	68.85	283
6975	46.97	-4.95	47.23	276	7975	55.03	-12.31	56.39	282	8975	67.45	-15.67	69.24	283
7000	46.83	-4.68	47.06	276	8000	55.74	-12.64	57.16	283	9000	67.79	-16.33	69.73	283
7025	46.64	-4.41	46.84	275	8025	56.65	-12.86	58.09	283	9025	68.37	-16.79	70.40	284
7050	46.44	-4.18	46.63	275	8050	57.71	-12.90	59.14	282	9050	68.67	-17.59	70.88	284
7075	46.26	-3.63	46.40	274	8075	58.75	-12.67	60.10	282	9075	68.65	-18.07	70.99	285
7100	46.24	-3.35	46.36	274	8100	59.51	-11.91	60.69	281	9100	69.03	-17.65	71.25	284
7125	46.63	-3.36	46.75	274	8125	59.86	-11.36	60.93	281	9125	69.19	-17.27	71.31	284
7150	47.16	-2.69	47.24	273	8150	60.32	-10.67	61.26	280	9150	69.54	-17.21	71.64	284
7175	47.63	-2.25	47.68	273	8175	60.82	-9.93	61.63	279	9175	69.65	-17.45	71.80	284

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1639 03/09/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	69.50	-18.09	71.82	284	10200	69.49	-21.70	72.80	287	11200	68.70	-16.16	70.58	283
9225	69.84	-18.00	72.12	284	10225	70.13	-20.97	73.20	286	11225	68.66	-15.87	70.47	283
9250	70.15	-18.09	72.45	284	10250	70.19	-21.04	73.28	287	11250	68.74	-16.26	70.64	283
9275	70.50	-17.39	72.61	284	10275	69.49	-22.70	73.11	288	11275	68.83	-16.09	70.69	283
9300	70.37	-17.77	72.58	284	10300	69.77	-23.60	73.65	289	11300	68.48	-15.26	70.16	282
9325	70.16	-18.99	72.68	285	10325	69.97	-23.07	73.67	288	11325	68.53	-14.60	70.07	282
9350	70.49	-18.54	72.89	285	10350	70.32	-22.49	73.83	288	11350	68.29	-15.03	69.93	282
9375	70.47	-18.37	72.83	284	10375	70.55	-23.27	74.29	288	11375	68.14	-14.71	69.71	282
9400	70.43	-18.38	72.78	284	10400	70.83	-23.46	74.61	288	11400	67.86	-13.13	69.12	281
9425	70.62	-18.13	72.91	284	10425	70.47	-24.17	74.50	289	11425	68.23	-11.66	69.22	280
9450	70.44	-18.23	72.76	284	10450	70.11	-24.45	74.25	289	11450	68.46	-12.95	69.68	281
9475	70.44	-18.03	72.71	284	10475	70.66	-23.88	74.59	288	11475	67.97	-14.99	69.60	282
9500	70.59	-18.09	72.87	284	10500	70.44	-23.99	74.41	289	11500	68.97	-12.44	70.08	280
9525	70.49	-18.35	72.84	284	10525	69.97	-22.90	73.63	288	11525	70.33	-10.50	71.11	278
9550	70.14	-18.30	72.49	284	10550	70.25	-24.19	74.30	289	11550	70.30	-10.75	71.12	279
9575	69.73	-18.63	72.18	285	10575	70.29	-24.34	74.39	289	11575	70.65	-10.32	71.40	278
9600	69.76	-18.46	72.16	285	10600	70.59	-23.12	74.28	288	11600	70.92	-9.71	71.58	278
9625	69.58	-18.51	71.99	285	10625	70.33	-24.86	74.60	289	11625	71.20	-9.10	71.78	277
9650	69.44	-19.13	72.02	285	10650	69.93	-26.10	74.64	290	11650	72.22	-6.74	72.53	275
9675	69.54	-18.68	72.00	285	10675	69.97	-25.62	74.52	290	11675	72.16	-7.10	72.51	275
9700	69.50	-18.68	71.97	285	10700	69.91	-25.55	74.43	290	11700	72.57	-6.52	72.86	275
9725	69.29	-19.05	71.86	285	10725	70.11	-26.01	74.78	290	11725	73.37	-5.94	73.61	274
9750	69.54	-19.03	72.10	285	10750	69.94	-26.19	74.68	290	11750	74.35	-4.55	74.49	273
9775	69.74	-19.39	72.38	285	10775	69.22	-27.36	74.43	291	11775	74.86	-3.89	74.96	273
9800	69.57	-19.27	72.18	285	10800	69.26	-27.03	74.34	291	11800	74.74	-4.51	74.88	273
9825	69.80	-19.17	72.39	285	10825	69.27	-26.77	74.27	291	11825	75.16	-3.69	75.25	273
9850	69.86	-19.38	72.50	285	10850	68.94	-25.57	73.53	290	11850	75.45	-2.36	75.49	272
9875	69.88	-19.19	72.46	285	10875	68.77	-23.88	72.80	289	11875	75.49	-4.26	75.61	273
9900	70.12	-18.90	72.62	285	10900	68.62	-23.60	72.57	289	11900	75.46	-4.90	75.62	274
9925	70.32	-19.34	72.93	285	10925	68.51	-22.96	72.26	288	11925	75.44	-5.54	75.64	274
9950	70.59	-19.25	73.17	285	10950	68.35	-22.53	71.96	288	11950	75.41	-7.03	75.73	275
9975	70.53	-19.70	73.23	285	10975	68.20	-23.02	71.98	288	11975	76.23	-5.64	76.43	274
10000	70.46	-20.38	73.35	286	11000	68.07	-21.54	71.40	287	12000	76.88	-4.64	77.02	273
10025	70.74	-20.10	73.54	286	11025	67.85	-20.15	70.78	286	12025	77.08	-6.04	77.32	274
10050	70.67	-19.68	73.36	285	11050	68.04	-18.82	70.60	285	12050	78.17	-4.75	78.31	273
10075	70.80	-19.73	73.49	285	11075	68.39	-17.79	70.67	284	12075	78.22	-5.28	78.40	274
10100	70.92	-20.02	73.70	286	11100	68.38	-17.61	70.61	284	12100	78.52	-5.82	78.73	274
10125	70.39	-20.15	73.22	286	11125	68.45	-17.43	70.64	284	12125	78.82	-5.73	79.02	274
10150	69.83	-20.88	72.89	286	11150	67.98	-17.42	70.18	284	12150	77.85	-7.11	78.17	275
10175	69.56	-21.48	72.80	287	11175	67.88	-17.59	70.12	284	12175	77.84	-7.21	78.17	275

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-38 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1639 03/09/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	77.83	-7.32	78.18	275	13200	58.88	-17.74	61.49	287	14200	56.62	0.82	56.63	269
12225	77.82	-7.42	78.18	275	13225	58.75	-17.78	61.38	287	14225	56.69	1.15	56.70	269
12250	77.81	-7.52	78.18	275	13250	58.62	-17.82	61.27	287	14250	56.63	1.27	56.64	269
12275	77.81	-7.63	78.18	275	13275	58.50	-17.85	61.16	287	14275	56.56	1.39	56.58	268
12300	77.90	-8.57	78.37	276	13300	58.37	-17.89	61.05	287	14300	56.50	1.51	56.52	268
12325	78.05	-8.40	78.50	276	13325	58.24	-17.93	60.94	287	14325	56.43	1.62	56.46	268
12350	78.06	-9.35	78.62	277	13350	58.12	-17.97	60.83	287	14350	56.37	1.74	56.39	268
12375	78.10	-10.27	78.77	277	13375	54.90	-15.75	57.11	286	14375	56.30	1.86	56.33	268
12400	78.25	-9.25	78.79	277	13400	54.70	-15.29	56.80	285	14400	56.24	1.98	56.27	268
12425	78.04	-8.72	78.52	276	13425	54.51	-14.84	56.49	285	14425	56.17	2.10	56.21	268
12450	77.48	-12.29	78.45	279	13450	54.22	-13.85	55.96	284	14450	56.11	2.22	56.15	268
12475	77.56	-11.99	78.48	279	13475	55.13	-7.59	55.65	278	14475	56.05	2.34	56.09	267
12500	77.63	-11.69	78.50	278	13500	53.62	-9.83	54.51	280	14500	55.70	2.65	55.76	267
12525	77.52	-11.57	78.38	278	13525	53.56	-9.93	54.47	280	14525	55.35	2.96	55.43	267
12550	77.42	-11.45	78.26	278	13550	53.50	-10.03	54.43	280	14550	55.00	3.27	55.10	266
12575	77.34	-11.70	78.22	278	13575	53.43	-10.13	54.39	281	14575	54.65	3.58	54.77	266
12600	77.26	-11.95	78.18	279	13600	53.06	-6.63	53.47	277	14600	54.66	3.66	54.78	266
12625	77.19	-13.89	78.43	280	13625	53.20	-6.54	53.60	277	14625	54.66	3.73	54.79	266
12650	76.96	-15.75	78.56	281	13650	53.44	-6.89	53.89	277	14650	54.67	3.81	54.80	266
12675	76.85	-16.16	78.53	282	13675	53.15	-7.70	53.71	278	14675	54.75	5.97	55.07	264
12700	76.73	-16.56	78.50	282	13700	53.94	-3.78	54.07	274	14700	54.83	6.45	55.21	263
12725	76.03	-17.01	77.91	282	13725	54.30	-3.26	54.40	273	14725	54.92	6.94	55.36	263
12750	73.50	-18.09	75.69	284	13750	54.66	-2.74	54.73	273	14750	53.74	5.60	54.03	264
12775	73.39	-18.02	75.57	284	13775	55.02	-2.22	55.07	272	14775	53.57	5.53	53.85	264
12800	73.28	-17.95	75.45	284	13800	55.39	-1.70	55.41	272	14800	53.39	5.47	53.67	264
12825	73.18	-17.88	75.33	284	13825	55.47	-1.62	55.49	271	14825	53.22	5.41	53.49	264
12850	73.07	-17.81	75.21	284	13850	55.55	-1.54	55.57	271	14850	53.05	5.34	53.31	264
12875	70.32	-18.18	72.63	284	13875	55.63	-1.47	55.65	271	14875	52.92	5.31	53.19	264
12900	68.92	-19.94	71.75	286	13900	55.71	-1.39	55.73	271	14900	52.80	5.28	53.07	264
12925	67.78	-19.00	70.39	285	13925	55.79	-1.31	55.81	271	14925	52.68	5.24	52.94	264
12950	66.81	-17.51	69.07	285	13950	55.87	-1.23	55.88	271	14950	52.56	5.21	52.82	264
12975	66.66	-18.24	69.11	285	13975	55.95	-1.16	55.96	271	14975	52.44	5.18	52.69	264
13000	65.17	-19.14	67.93	286	14000	56.03	-1.08	56.04	271	15000	52.13	4.69	52.34	265
13025	64.29	-19.89	67.29	287	14025	56.11	-1.00	56.12	271	15025	51.82	4.20	51.99	265
13050	63.40	-20.64	66.68	288	14050	56.19	-0.92	56.20	271	15050	50.61	4.89	50.85	264
13075	62.97	-20.79	66.32	288	14075	56.27	-0.85	56.28	271	15075	51.15	11.05	52.33	258
13100	62.55	-20.94	65.96	288	14100	56.34	-0.51	56.35	270	15100	49.91	7.86	50.53	261
13125	62.12	-21.10	65.61	289	14125	56.41	-0.18	56.41	270	15125	51.05	4.00	51.20	265
13150	60.96	-18.14	63.60	286	14150	56.48	0.15	56.48	270	15150	50.89	3.86	51.03	265
13175	59.01	-17.70	61.60	287	14175	56.55	0.48	56.55	269	15175	50.73	3.71	50.86	266

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1639 03/09/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	50.62	3.53	50.74	266	16200	40.55	-9.02	41.54	282					
15225	50.51	3.36	50.62	266	16225	40.52	-8.97	41.50	282					
15250	50.41	3.18	50.51	266	16250	40.49	-8.92	41.46	282					
15275	50.30	3.01	50.39	266	16275	40.46	-8.86	41.41	282					
15300	50.19	2.83	50.27	267	16300	40.43	-8.81	41.37	282					
15325	49.28	1.67	49.30	268	16325	40.40	-8.75	41.33	282					
15350	49.29	1.77	49.32	268	16350	40.37	-8.70	41.29	282					
15375	49.29	1.87	49.33	268	16375	40.34	-8.64	41.25	282					
15400	49.30	1.97	49.34	268	16400	40.31	-8.59	41.21	282					
15425	49.31	2.07	49.35	267	16425	40.28	-8.53	41.17	282					
15450	49.32	2.18	49.37	267	16450	38.68	-8.58	39.62	282					
15475	45.71	-3.04	45.82	274	16475	38.63	-8.62	39.58	282					
15500	48.87	2.71	48.94	267	16500	38.58	-8.66	39.54	282					
15525	48.86	2.55	48.93	267	16525	38.54	-8.70	39.51	283					
15550	48.86	2.39	48.92	267	16550	38.49	-8.74	39.47	283					
15575	48.86	2.24	48.91	267	16575	38.45	-8.78	39.44	283					
15600	48.85	2.08	48.90	267	16600	37.24	-7.16	37.92	281					
15625	48.64	1.11	48.66	268	16625	36.87	-0.41	36.87	270					
15650	48.43	0.14	48.43	270										
15675	48.20	-0.43	48.21	270										
15700	47.98	-1.00	47.99	271										
15725	47.75	-1.57	47.77	272										
15750	46.39	-4.19	46.57	275										
15775	45.02	-6.81	45.54	278										
15800	44.92	-6.87	45.44	278										
15825	44.81	-6.94	45.35	279										
15850	44.71	-7.01	45.25	279										
15875	44.60	-7.07	45.16	279										
15900	44.49	-7.14	45.06	279										
15925	44.39	-7.20	44.97	279										
15950	44.28	-7.27	44.88	279										
15975	44.18	-7.34	44.78	279										
16000	43.71	-6.99	44.27	279										
16025	43.25	-6.64	43.76	279										
16050	42.79	-6.29	43.25	278										
16075	41.53	-11.08	42.99	285										
16100	41.22	-10.43	42.52	284										
16125	40.91	-9.78	42.07	283										
16150	40.61	-9.13	41.62	282										
16175	40.58	-9.08	41.58	282										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-39

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1654 03/09/65, 1006Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
625	7.84	-6.30	10.05	309	1625	10.57	-4.90	11.65	295	2625	19.17	-8.63	21.02	294
650	7.75	-6.44	10.08	310	1650	11.63	-5.14	12.72	294	2650	19.03	-9.11	21.10	295
675	7.58	-6.45	9.95	310	1675	11.53	-4.63	12.42	292	2675	19.16	-9.47	21.38	296
700	7.47	-6.79	10.09	312	1700	11.61	-4.02	12.29	289	2700	19.36	-9.78	21.69	297
725	7.35	-7.47	10.48	315	1725	10.96	-3.55	11.52	288	2725	19.55	-9.96	21.94	297
750	7.48	-8.14	11.05	317	1750	10.99	-3.85	11.65	289	2750	19.61	-9.88	21.96	297
775	7.77	-8.71	11.68	318	1775	12.28	-4.39	13.04	289	2775	19.47	-9.62	21.72	296
800	7.71	-9.18	11.99	320	1800	13.02	-4.56	13.80	289	2800	19.32	-9.49	21.53	296
825	7.45	-9.65	12.19	322	1825	13.35	-4.75	14.17	289	2825	19.30	-9.57	21.54	296
850	7.67	-10.41	12.92	323	1850	11.35	-4.15	12.09	290	2850	19.33	-9.64	21.60	296
875	7.15	-10.68	12.85	326	1875	10.17	-3.78	10.85	290	2875	19.40	-9.73	21.71	296
900	6.41	-10.30	12.13	328	1900	11.67	-4.57	12.53	291	2900	19.48	-9.79	21.80	297
925	6.55	-9.94	11.90	326	1925	13.34	-5.53	14.45	292	2925	19.52	-9.73	21.81	296
950	6.37	-9.59	11.52	326	1950	11.07	-4.80	12.07	293	2950	19.49	-9.72	21.77	296
975	6.01	-9.20	10.99	327	1975	10.02	-4.58	11.02	294	2975	19.62	-9.44	21.77	296
1000	5.98	-8.74	10.59	325	2000	12.02	-5.69	13.30	295	3000	20.08	-9.22	22.09	294
1025	6.06	-8.28	10.26	324	2025	11.97	-5.76	13.28	296	3025	20.45	-9.08	22.37	294
1050	6.26	-7.93	10.10	322	2050	11.66	-5.65	12.96	296	3050	20.59	-8.92	22.44	293
1075	6.35	-7.64	9.94	320	2075	13.70	-6.83	15.31	296	3075	20.82	-8.91	22.65	293
1100	6.52	-7.33	9.81	318	2100	15.23	-7.93	17.17	297	3100	20.92	-8.91	22.73	293
1125	6.60	-7.05	9.65	317	2125	15.84	-8.46	17.95	298	3125	21.01	-8.94	22.83	293
1150	6.36	-7.06	9.50	318	2150	15.98	-8.70	18.19	298	3150	21.22	-8.82	22.98	292
1175	6.57	-6.94	9.56	316	2175	16.25	-8.93	18.54	299	3175	21.33	-8.66	23.02	292
1200	7.48	-6.39	9.84	310	2200	16.55	-9.18	18.92	299	3200	21.43	-8.60	23.09	292
1225	8.55	-5.91	10.40	304	2225	16.69	-9.31	19.11	299	3225	21.52	-8.89	23.28	292
1250	9.29	-5.41	10.75	300	2250	16.95	-9.36	19.36	299	3250	21.57	-9.26	23.47	293
1275	9.69	-4.98	10.90	297	2275	17.20	-9.55	19.67	299	3275	21.26	-9.56	23.31	294
1300	10.11	-4.86	11.22	296	2300	17.17	-9.91	19.82	300	3300	20.97	-10.01	23.23	295
1325	10.75	-4.90	11.82	294	2325	16.90	-9.90	19.59	300	3325	20.89	-10.25	23.27	296
1350	11.46	-5.13	12.55	294	2350	16.71	-9.79	19.37	300	3350	20.61	-10.41	23.09	297
1375	11.56	-5.18	12.67	294	2375	16.51	-9.59	19.10	300	3375	20.42	-10.48	22.95	297
1400	11.28	-4.91	12.30	293	2400	16.14	-9.15	18.55	299	3400	20.19	-10.36	22.69	297
1425	11.29	-4.68	12.22	292	2425	15.78	-8.87	18.10	299	3425	19.98	-10.20	22.43	297
1450	11.42	-4.87	12.41	293	2450	15.90	-8.65	18.11	298	3450	19.61	-9.86	21.95	297
1475	11.76	-5.31	12.91	294	2475	16.34	-8.28	18.31	297	3475	19.28	-9.56	21.52	296
1500	12.33	-5.44	13.47	294	2500	16.96	-7.98	18.74	295	3500	19.13	-9.51	21.36	296
1525	12.57	-5.40	13.68	293	2525	17.87	-7.91	19.54	294	3525	18.82	-9.45	21.06	296
1550	12.46	-5.32	13.55	293	2550	18.46	-7.80	20.04	293	3550	18.50	-9.41	20.76	297
1575	12.12	-5.21	13.19	293	2575	18.75	-7.80	20.31	292	3575	18.66	-9.67	21.02	297
1600	10.71	-4.80	11.73	294	2600	19.13	-8.11	20.78	293	3600	19.53	-10.10	21.99	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1654 03/09/65, 1006Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3625	20.05	-10.19	22.49	297	4625	36.98	-7.91	37.81	282	5625	45.62	-6.38	46.07	278
3650	20.23	-9.97	22.55	296	4650	36.41	-7.73	37.22	282	5650	45.45	-6.05	45.85	277
3675	20.69	-10.04	23.00	296	4675	36.10	-7.76	36.93	282	5675	45.28	-5.41	45.61	277
3700	21.01	-10.57	23.52	297	4700	35.95	-7.97	36.82	282	5700	45.04	-4.79	45.29	276
3725	21.08	-10.79	23.68	297	4725	36.29	-8.14	37.19	282	5725	44.68	-4.56	44.92	276
3750	21.23	-11.15	23.98	298	4750	37.02	-8.35	37.95	283	5750	44.63	-4.49	44.85	276
3775	21.74	-12.02	24.84	299	4775	37.63	-8.53	38.59	283	5775	44.71	-4.64	44.95	276
3800	22.51	-12.51	25.76	299	4800	38.34	-8.50	39.27	282	5800	44.80	-5.05	45.08	276
3825	23.14	-12.91	26.49	299	4825	38.87	-8.46	39.78	282	5825	44.95	-5.70	45.31	277
3850	23.62	-13.52	27.22	300	4850	39.07	-8.42	39.97	282	5850	45.23	-6.72	45.73	278
3875	24.31	-13.91	28.01	300	4875	39.47	-8.22	40.31	282	5875	45.47	-7.40	46.06	279
3900	25.20	-14.14	28.90	299	4900	40.15	-7.97	40.93	281	5900	45.34	-7.58	45.97	279
3925	26.04	-14.32	29.71	299	4925	40.56	-7.95	41.33	281	5925	45.16	-7.70	45.81	280
3950	26.86	-14.24	30.40	298	4950	40.71	-7.93	41.48	281	5950	45.14	-7.90	45.82	280
3975	27.36	-13.70	30.60	296	4975	41.01	-7.96	41.78	281	5975	45.17	-8.15	45.90	280
4000	27.84	-13.13	30.78	295	5000	41.40	-8.06	42.18	281	6000	45.19	-8.51	45.98	280
4025	28.31	-12.99	31.15	294	5025	42.21	-8.09	42.98	281	6025	45.01	-8.98	45.89	281
4050	28.80	-12.69	31.47	294	5050	42.84	-7.71	43.53	280	6050	45.03	-9.44	46.01	282
4075	29.32	-12.19	31.75	292	5075	43.05	-6.92	43.60	279	6075	45.19	-9.66	46.22	282
4100	29.76	-12.11	32.13	292	5100	43.04	-6.37	43.51	278	6100	45.19	-9.74	46.22	282
4125	30.10	-12.07	32.43	292	5125	42.90	-6.19	43.34	278	6125	45.19	-9.93	46.27	282
4150	30.28	-11.90	32.54	291	5150	42.99	-6.22	43.44	278	6150	45.24	-10.14	46.36	282
4175	30.54	-11.73	32.71	291	5175	43.24	-6.37	43.71	278	6175	45.25	-10.23	46.39	283
4200	30.81	-11.55	32.90	290	5200	43.77	-6.60	44.27	278	6200	45.20	-10.35	46.37	283
4225	31.27	-11.36	33.27	290	5225	44.29	-6.94	44.83	279	6225	45.12	-10.43	46.31	283
4250	31.91	-11.13	33.79	289	5250	44.45	-7.15	45.02	279	6250	45.02	-10.46	46.21	283
4275	32.20	-10.81	33.96	288	5275	44.56	-7.11	45.12	279	6275	44.94	-10.67	46.19	283
4300	32.61	-10.45	34.24	288	5300	44.56	-7.09	45.12	279	6300	45.06	-10.68	46.30	283
4325	33.13	-10.21	34.67	287	5325	44.40	-7.24	44.99	279	6325	45.36	-11.08	46.69	284
4350	33.72	-9.59	35.06	286	5350	44.47	-7.24	45.05	279	6350	45.71	-11.73	47.19	284
4375	34.47	-8.50	35.50	284	5375	44.84	-7.32	45.43	279	6375	45.94	-12.12	47.52	285
4400	35.10	-7.69	35.93	282	5400	45.24	-7.28	45.82	279	6400	45.93	-13.00	47.73	286
4425	35.59	-7.46	36.37	282	5425	45.40	-7.00	45.94	279	6425	46.02	-13.66	48.00	286
4450	36.04	-7.78	36.87	282	5450	45.40	-6.90	45.93	278	6450	46.27	-13.74	48.26	286
4475	36.69	-8.20	37.60	282	5475	45.33	-6.94	45.86	279	6475	46.54	-14.27	48.67	287
4500	37.27	-8.35	38.19	282	5500	45.34	-7.19	45.90	279	6500	46.67	-15.08	49.04	288
4525	37.68	-8.25	38.58	282	5525	45.29	-7.31	45.88	279	6525	46.64	-15.67	49.20	288
4550	37.98	-8.22	38.86	282	5550	45.48	-7.32	46.07	279	6550	46.69	-16.26	49.44	289
4575	37.82	-8.28	38.72	282	5575	45.89	-7.30	46.46	279	6575	46.91	-16.61	49.76	289
4600	37.44	-8.15	38.32	282	5600	45.84	-6.87	46.35	278	6600	47.23	-16.63	50.07	289

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-39 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1654 03/09/65, 1006Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6625	47.26	-16.97	50.22	290	7625	56.01	-11.41	57.17	281	8625	58.50	-16.01	60.65	285
6650	47.30	-16.93	50.24	290	7650	56.12	-11.49	57.28	281	8650	58.34	-15.63	60.39	285
6675	47.39	-16.63	50.22	289	7675	56.39	-10.98	57.45	281	8675	59.13	-15.92	61.24	285
6700	47.42	-16.67	50.26	289	7700	57.03	-10.71	58.02	280	8700	59.24	-15.60	61.26	285
6725	47.59	-16.53	50.37	289	7725	57.44	-10.52	58.39	280	8725	58.45	-16.06	60.62	285
6750	47.80	-16.38	50.52	289	7750	57.45	-10.06	58.32	280	8750	58.43	-16.96	60.84	286
6775	48.06	-16.48	50.81	289	7775	57.89	-9.21	58.61	279	8775	58.36	-17.28	60.87	286
6800	48.64	-16.44	51.34	288	7800	58.24	-9.18	58.96	279	8800	58.60	-17.60	61.18	287
6825	49.23	-16.45	51.91	288	7825	58.48	-9.43	59.23	279	8825	58.73	-17.98	61.42	287
6850	49.67	-16.96	52.49	289	7850	58.92	-9.24	59.64	279	8850	58.51	-18.79	61.46	288
6875	49.98	-17.23	52.87	289	7875	59.13	-9.35	59.87	279	8875	58.96	-18.23	61.71	287
6900	50.28	-17.34	53.18	289	7900	59.05	-9.79	59.86	279	8900	59.20	-17.63	61.77	286
6925	50.37	-17.39	53.29	289	7925	59.22	-9.68	60.01	279	8925	59.44	-17.91	62.08	287
6950	50.56	-17.00	53.34	288	7950	58.98	-9.72	59.78	279	8950	59.67	-18.01	62.33	287
6975	51.06	-16.42	53.64	288	7975	58.48	-10.10	59.35	280	8975	59.58	-18.19	62.30	287
7000	51.20	-16.27	53.73	287	8000	58.64	-9.67	59.43	279	9000	59.76	-18.26	62.48	287
7025	51.25	-16.29	53.77	287	8025	58.52	-9.44	59.27	279	9025	59.90	-17.91	62.52	286
7050	51.27	-16.24	53.78	287	8050	58.38	-9.21	59.10	279	9050	59.97	-17.61	62.50	286
7075	51.39	-16.15	53.87	287	8075	58.41	-9.36	59.15	279	9075	59.86	-17.68	62.42	286
7100	51.56	-16.47	54.12	288	8100	58.30	-9.73	59.11	279	9100	59.77	-17.48	62.27	286
7125	51.53	-16.69	54.16	288	8125	58.36	-9.61	59.14	279	9125	60.04	-16.87	62.37	286
7150	51.72	-16.57	54.31	288	8150	58.32	-9.88	59.15	279	9150	59.92	-16.84	62.24	286
7175	51.68	-16.88	54.36	288	8175	58.38	-10.23	59.27	280	9175	59.66	-16.80	61.98	286
7200	51.65	-16.56	54.24	288	8200	58.51	-10.55	59.45	280	9200	59.75	-16.66	62.03	285
7225	51.50	-16.07	53.95	287	8225	58.65	-10.88	59.65	280	9225	60.07	-15.88	62.14	285
7250	51.66	-15.72	54.00	287	8250	58.56	-10.92	59.67	280	9250	60.03	-16.17	62.17	285
7275	52.71	-15.22	54.87	286	8275	58.32	-11.17	59.38	281	9275	59.94	-16.08	62.06	285
7300	53.74	-14.59	55.68	285	8300	58.24	-11.78	59.42	281	9300	59.82	-15.88	61.89	285
7325	54.27	-14.23	56.11	285	8325	58.20	-12.51	59.53	282	9325	59.86	-15.43	61.81	284
7350	54.71	-14.11	56.50	284	8350	58.13	-13.00	59.56	282	9350	60.25	-14.31	61.93	283
7375	55.20	-13.83	56.91	284	8375	58.00	-13.20	59.49	283	9375	60.08	-14.39	61.78	283
7400	55.16	-13.69	56.84	284	8400	57.96	-13.74	59.56	283	9400	59.78	-14.54	61.53	283
7425	54.99	-13.61	56.65	284	8425	58.08	-13.88	59.72	283	9425	59.58	-15.09	61.46	284
7450	55.22	-13.29	56.80	283	8450	58.00	-13.70	59.59	283	9450	59.49	-15.50	61.48	284
7475	55.39	-13.08	56.92	283	8475	57.75	-14.60	59.56	284	9475	59.52	-14.71	61.31	284
7500	55.45	-12.65	56.87	283	8500	57.99	-14.85	59.86	284	9500	59.87	-13.40	61.35	282
7525	55.75	-11.82	56.99	282	8525	58.44	-14.54	60.23	284	9525	60.16	-13.65	61.69	283
7550	55.95	-11.48	57.12	281	8550	58.44	-15.32	60.41	285	9550	60.00	-14.40	61.70	283
7575	56.11	-11.22	57.22	281	8575	58.21	-16.03	60.38	285	9575	59.93	-14.16	61.58	283
7600	56.16	-11.04	57.23	281	8600	58.34	-16.26	60.57	285	9600	60.03	-13.71	61.58	283

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1654 03/09/65, 1006Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9625	60.14	-13.73	61.69	283	10625	63.46	-13.87	64.96	282	11625	65.76	0.27	65.76	270
9650	60.28	-13.34	61.74	282	10650	64.17	-12.63	65.40	281	11650	65.63	-0.23	65.63	270
9675	60.10	-13.28	61.55	282	10675	63.54	-14.32	65.13	283	11675	65.39	-0.91	65.40	271
9700	59.98	-13.56	61.49	283	10700	63.61	-14.69	65.28	283	11700	65.35	0.15	65.35	270
9725	60.13	-13.40	61.61	282	10725	64.34	-13.28	65.70	281	11725	64.98	0.69	64.98	269
9750	60.14	-12.99	61.53	282	10750	64.51	-12.65	65.74	281	11750	65.93	1.79	65.96	268
9775	60.24	-13.00	61.63	282	10775	64.17	-12.37	65.35	281	11775	66.49	1.85	66.52	268
9800	60.46	-13.12	61.87	282	10800	64.15	-12.11	65.28	281	11800	66.89	0.91	66.90	269
9825	60.64	-12.89	61.99	282	10825	64.49	-11.18	65.45	280	11825	67.24	1.06	67.24	269
9850	60.32	-12.95	61.70	282	10850	64.67	-10.58	65.53	279	11850	67.58	1.21	67.59	269
9875	60.69	-12.10	61.89	281	10875	64.50	-10.08	65.28	279	11875	67.82	1.28	67.83	269
9900	61.16	-11.79	62.28	281	10900	63.71	-9.81	64.46	279	11900	67.82	1.49	67.84	269
9925	60.99	-12.18	62.19	281	10925	63.89	-7.92	64.38	277	11925	67.90	1.84	67.93	268
9950	60.94	-12.22	62.15	281	10950	64.03	-7.71	64.49	277	11950	67.86	1.84	67.89	268
9975	61.16	-11.97	62.32	281	10975	64.14	-7.58	64.59	277	11975	67.83	1.84	67.85	268
10000	61.35	-11.76	62.46	281	11000	64.12	-6.67	64.47	276	12000	67.98	0.98	67.99	269
10025	61.52	-11.10	62.52	280	11025	63.08	-7.99	63.58	277	12025	68.62	0.53	68.62	269
10050	61.21	-11.90	62.35	281	11050	63.38	-5.57	63.62	275	12050	69.57	0.72	69.57	269
10075	60.95	-12.62	62.24	282	11075	63.88	-2.85	63.94	272	12075	70.23	0.17	70.23	270
10100	61.32	-11.36	62.36	280	11100	63.81	-3.84	63.92	273	12100	70.34	-0.17	70.34	270
10125	61.51	-11.07	62.50	280	11125	64.16	-3.86	64.28	273	12125	70.45	-0.51	70.45	270
10150	61.36	-11.72	62.47	281	11150	63.87	-4.68	64.04	274	12150	70.53	-0.68	70.53	270
10175	61.33	-11.68	62.43	281	11175	63.71	-4.82	63.89	274	12175	70.51	-0.17	70.51	270
10200	61.43	-11.02	62.41	280	11200	64.21	-3.08	64.29	273	12200	71.40	2.47	71.44	268
10225	61.50	-11.58	62.58	280	11225	64.13	-3.44	64.22	273	12225	71.26	2.37	71.30	268
10250	61.79	-11.61	62.87	280	11250	64.31	-3.57	64.41	273	12250	70.79	1.16	70.80	269
10275	61.67	-10.84	62.61	280	11275	64.39	-3.60	64.50	273	12275	71.72	1.86	71.75	268
10300	61.74	-11.23	62.75	280	11300	64.66	-3.83	64.77	273	12300	71.75	0.52	71.75	269
10325	61.73	-11.40	62.77	280	11325	64.91	-2.62	64.96	272	12325	72.61	-0.35	72.61	270
10350	61.66	-11.47	62.72	280	11350	64.87	-2.95	64.90	272	12350	72.79	-0.52	72.80	270
10375	61.68	-11.57	62.76	280	11375	64.79	-3.12	64.87	273	12375	72.98	-0.70	72.98	270
10400	61.82	-11.01	62.79	280	11400	65.19	-2.32	65.23	272	12400	73.42	-2.13	73.45	271
10425	61.94	-11.47	62.99	280	11425	65.29	-0.86	65.29	271	12425	73.48	-2.58	73.52	272
10450	61.65	-13.61	63.13	282	11450	64.53	-0.00	64.53	270	12450	73.54	-3.03	73.60	272
10475	62.27	-12.00	63.42	281	11475	64.72	-1.60	64.74	271	12475	73.60	-3.47	73.68	273
10500	62.95	-10.66	63.85	279	11500	64.98	-1.91	65.01	271	12500	74.00	-5.20	74.18	274
10525	63.15	-12.57	64.39	281	11525	65.18	-1.20	65.19	271	12525	73.90	-5.63	74.12	274
10550	63.24	-14.27	64.83	283	11550	65.78	-0.90	65.79	271	12550	73.81	-6.06	74.06	275
10575	63.84	-14.07	65.38	282	11575	65.82	-0.57	65.83	270	12575	73.10	-6.66	73.40	275
10600	63.64	-13.99	65.16	282	11600	65.71	-0.29	65.71	270	12600	71.07	-7.45	71.46	276

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-39 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1654 03/09/65, 1006Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12625	69.42	-12.96	70.62	280	13625	57.69	-18.33	60.53	287					
12650	70.01	-10.99	70.87	279	13650	57.61	-18.31	60.45	287					
12675	70.03	-9.59	70.68	278	13675	57.54	-18.30	60.38	287					
12700	69.26	-11.10	70.15	279	13700	57.47	-18.29	60.30	287					
12725	69.46	-10.94	70.31	279	13725	56.84	-17.73	59.54	287					
12750	68.91	-11.26	69.83	279	13750	56.22	-17.17	58.78	287					
12775	68.21	-13.65	69.56	281	13775	56.42	-15.55	58.52	285					
12800	68.04	-14.20	69.51	282	13800	55.65	-16.91	58.16	287					
12825	67.88	-14.75	69.47	282	13825	53.29	-22.41	57.81	293					
12850	67.48	-14.24	68.97	282	13850	55.20	-17.94	58.05	288					
12875	66.78	-14.45	68.32	282	13875	55.40	-16.76	57.88	287					
12900	67.07	-13.00	68.32	281	13900	54.74	-13.81	56.46	284					
12925	66.07	-14.39	67.62	282	13925	54.38	-14.19	56.20	284					
12950	63.94	-17.57	66.31	285	13950	54.02	-14.57	55.95	285					
12975	63.83	-17.70	66.24	285	13975	53.81	-13.21	55.41	284					
13000	63.73	-17.84	66.18	285	14000	53.60	-11.85	54.89	282					
13025	63.62	-17.98	66.11	286										
13050	63.45	-16.42	65.54	284										
13075	63.03	-17.96	65.54	286										
13100	62.19	-18.94	65.01	287										
13125	61.67	-15.90	63.68	284										
13150	60.99	-19.63	64.08	288										
13175	61.09	-19.74	64.20	288										
13200	60.75	-17.96	63.35	286										
13225	60.21	-19.49	63.28	288										
13250	59.92	-19.92	63.15	288										
13275	59.64	-20.35	63.02	289										
13300	59.83	-19.51	62.93	288										
13325	59.77	-19.45	62.85	288										
13350	59.71	-19.39	62.78	288										
13375	59.07	-20.37	62.49	289										
13400	58.44	-21.35	62.22	290										
13425	58.90	-21.17	62.58	290										
13450	59.52	-18.79	62.42	287										
13475	58.13	-18.42	60.97	287										
13500	58.05	-18.40	60.90	287										
13525	57.98	-18.39	60.83	287										
13550	57.91	-18.37	60.75	287										
13575	57.83	-18.36	60.68	287										
13600	57.76	-18.34	60.60	287										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-40

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1655 03/09/65, 1200Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
350	7.58	-6.36	9.90	310	1350	9.44	-7.23	11.89	307	2350	16.89	-6.09	17.96	290
375	7.55	-6.24	9.79	309	1375	9.34	-7.42	11.93	308	2375	17.13	-6.15	18.20	290
400	7.38	-6.28	9.69	310	1400	9.49	-7.69	12.21	309	2400	17.36	-6.20	18.44	289
425	7.41	-6.39	9.78	311	1425	9.74	-7.79	12.48	308	2425	17.60	-6.25	18.68	289
450	7.49	-6.45	9.88	311	1450	10.18	-7.80	12.83	307	2450	17.84	-6.31	18.92	289
475	7.19	-6.41	9.63	312	1475	10.74	-7.78	13.26	306	2475	18.07	-6.36	19.16	289
500	6.61	-6.28	9.12	313	1500	10.95	-7.53	13.29	304	2500	18.31	-6.42	19.40	289
525	6.32	-6.53	9.09	316	1525	10.86	-6.96	12.90	302	2525	18.54	-6.47	19.64	289
550	6.34	-7.18	9.58	318	1550	10.74	-6.31	12.45	300	2550	18.62	-6.46	19.71	289
575	6.28	-7.76	9.98	321	1575	10.63	-5.76	12.09	298	2575	18.75	-6.45	19.83	289
600	6.07	-8.18	10.19	323	1600	10.46	-5.33	11.74	297	2600	18.84	-6.43	19.91	289
625	5.85	-8.54	10.35	325	1625	10.50	-4.96	11.62	295	2625	19.13	-6.34	20.16	288
650	5.56	-8.87	10.47	328	1650	10.90	-4.82	11.92	294	2650	19.06	-6.24	20.05	288
675	5.24	-9.08	10.49	330	1675	11.32	-4.96	12.36	293	2675	18.47	-6.20	19.48	288
700	5.05	-9.23	10.52	331	1700	11.71	-5.45	12.92	295	2700	18.43	-6.37	19.50	289
725	4.97	-9.33	10.57	332	1725	11.88	-6.22	13.41	297	2725	18.59	-6.63	19.74	289
750	4.99	-9.34	10.59	332	1750	11.83	-6.78	13.63	300	2750	18.39	-6.55	19.52	289
775	5.09	-9.47	10.75	332	1775	12.01	-6.95	13.87	300	2775	18.30	-6.42	19.40	289
800	4.92	-9.71	10.88	333	1800	12.34	-6.61	14.00	298	2800	18.51	-6.63	19.66	290
825	4.61	-10.19	11.19	335	1825	12.49	-6.07	13.89	296	2825	18.94	-7.06	20.21	290
850	4.22	-10.69	11.49	338	1850	12.80	-6.02	14.15	295	2850	19.40	-7.32	20.74	291
875	3.65	-10.78	11.38	341	1875	13.59	-6.49	15.06	295	2875	19.55	-7.40	20.91	291
900	3.46	-10.37	10.93	341	1900	14.18	-6.96	15.79	296	2900	19.75	-7.59	21.16	291
925	3.55	-9.71	10.33	340	1925	14.46	-7.16	16.13	296	2925	19.94	-7.84	21.43	291
950	3.63	-9.06	9.76	338	1950	14.66	-7.22	16.34	296	2950	20.31	-8.02	21.84	291
975	4.02	-8.52	9.42	335	1975	14.94	-7.47	16.70	296	2975	20.96	-8.23	22.52	291
1000	4.55	-8.08	9.27	330	2000	15.32	-7.72	17.16	297	3000	21.36	-8.47	22.98	291
1025	4.88	-7.88	9.26	328	2025	15.71	-7.76	17.53	296	3025	21.82	-8.84	23.54	292
1050	5.23	-7.71	9.32	326	2050	16.16	-7.76	17.92	295	3050	22.34	-9.36	24.22	293
1075	5.85	-7.37	9.41	321	2075	16.24	-7.89	18.06	296	3075	22.58	-9.71	24.58	293
1100	6.41	-6.97	9.46	317	2100	15.90	-8.11	17.85	297	3100	22.74	-10.07	24.87	294
1125	7.06	-6.67	9.72	313	2125	15.53	-8.23	17.57	298	3125	22.79	-10.40	25.05	294
1150	7.87	-6.61	10.28	310	2150	15.31	-8.20	17.37	298	3150	23.03	-10.97	25.51	295
1175	8.66	-6.53	10.85	307	2175	15.00	-8.06	17.03	298	3175	23.27	-11.44	25.93	296
1200	9.41	-6.49	11.43	304	2200	14.64	-7.87	16.62	298	3200	23.17	-11.56	25.89	296
1225	9.47	-6.42	11.44	304	2225	14.74	-7.69	16.62	297	3225	23.21	-11.83	26.05	297
1250	9.53	-6.42	11.50	304	2250	15.24	-7.28	16.89	295	3250	23.25	-12.15	26.24	297
1275	9.90	-6.74	11.98	304	2275	15.68	-6.73	17.07	293	3275	23.35	-12.42	26.45	298
1300	9.84	-7.10	12.13	306	2300	16.14	-6.28	17.32	291	3300	23.52	-12.51	26.64	298
1325	9.61	-7.21	12.01	307	2325	16.44	-6.08	17.53	290	3325	23.42	-12.78	26.68	298

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1655 03/09/65, 1200Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3350	23.41	-13.12	26.84	299	4350	34.41	-6.97	35.11	281	5350	42.15	-8.10	42.92	281
3375	23.30	-13.40	26.88	300	4375	34.74	-7.24	35.49	282	5375	42.04	-8.20	42.84	281
3400	23.62	-13.73	27.32	300	4400	35.17	-7.41	35.94	282	5400	42.13	-8.59	42.99	281
3425	23.75	-13.80	27.47	300	4425	35.61	-7.77	36.45	282	5425	42.57	-8.47	43.40	281
3450	23.76	-13.88	27.52	300	4450	35.47	-8.07	36.37	283	5450	42.82	-7.90	43.54	280
3475	24.01	-14.02	27.80	300	4475	34.97	-7.97	35.86	283	5475	43.23	-7.69	43.91	280
3500	24.06	-14.09	27.88	300	4500	34.37	-7.93	35.28	283	5500	43.37	-7.82	44.07	280
3525	24.00	-14.06	27.82	300	4525	33.73	-7.97	34.65	283	5525	43.10	-7.92	43.83	280
3550	23.72	-14.10	27.59	301	4550	33.29	-8.03	34.25	283	5550	43.07	-7.97	43.80	280
3575	23.33	-14.05	27.23	301	4575	33.03	-8.25	34.04	284	5575	43.23	-7.99	43.96	280
3600	23.02	-14.01	26.95	301	4600	33.07	-8.53	34.15	284	5600	43.40	-7.95	44.12	280
3625	22.89	-13.89	26.78	301	4625	33.31	-8.74	34.44	285	5625	43.53	-7.77	44.21	280
3650	23.06	-13.78	26.87	301	4650	33.51	-8.93	34.68	285	5650	43.68	-7.66	44.35	280
3675	23.29	-13.66	27.00	300	4675	33.82	-9.03	35.00	285	5675	43.79	-7.42	44.42	279
3700	23.35	-13.58	27.02	300	4700	34.11	-8.98	35.27	285	5700	43.74	-7.11	44.31	279
3725	23.51	-13.58	27.15	300	4725	34.64	-9.16	35.83	285	5725	43.70	-7.15	44.28	279
3750	23.74	-13.24	27.18	299	4750	35.24	-9.51	36.49	285	5750	43.42	-7.20	44.01	279
3775	23.92	-13.12	27.28	299	4775	35.95	-9.57	37.20	285	5775	42.72	-7.12	43.31	279
3800	24.06	-13.26	27.47	299	4800	36.45	-9.43	37.65	284	5800	42.51	-7.24	43.13	279
3825	24.66	-12.86	27.81	297	4825	36.68	-9.51	37.90	284	5825	42.77	-7.46	43.42	280
3850	25.26	-12.60	28.23	296	4850	37.07	-9.39	38.24	284	5850	42.72	-7.61	43.39	280
3875	25.75	-12.53	28.63	296	4875	37.35	-9.14	38.45	284	5875	42.50	-7.68	43.18	280
3900	26.30	-12.32	29.04	295	4900	37.55	-9.12	38.64	283	5900	42.50	-7.58	43.17	280
3925	26.60	-12.11	29.23	294	4925	37.92	-8.90	38.95	283	5925	42.44	-7.38	43.08	280
3950	26.86	-11.91	29.38	294	4950	38.43	-8.68	39.39	283	5950	42.41	-7.38	43.04	280
3975	27.59	-11.75	29.99	293	4975	38.79	-8.51	39.71	282	5975	42.44	-7.43	43.09	280
4000	28.47	-11.23	30.60	291	5000	38.89	-8.26	39.76	282	6000	42.31	-7.64	43.00	280
4025	29.17	-10.44	30.98	290	5025	39.01	-7.75	39.77	281	6025	42.51	-8.09	43.27	281
4050	29.93	-9.89	31.52	288	5050	39.11	-7.35	39.80	280	6050	43.00	-8.54	43.84	281
4075	30.43	-9.73	31.94	288	5075	39.37	-7.25	40.04	280	6075	43.44	-8.93	44.34	281
4100	31.07	-9.36	32.45	287	5100	39.63	-7.31	40.30	280	6100	44.04	-9.68	45.09	282
4125	31.54	-9.05	32.81	286	5125	39.80	-7.52	40.50	281	6125	44.73	-10.49	45.95	283
4150	32.17	-8.66	33.31	285	5150	40.12	-7.71	40.86	281	6150	45.25	-11.03	46.57	284
4175	33.45	-7.95	34.38	283	5175	40.19	-7.92	40.96	281	6175	45.41	-11.45	46.83	284
4200	34.49	-7.03	35.20	281	5200	40.42	-7.87	41.18	281	6200	45.47	-11.59	46.92	284
4225	34.59	-6.28	35.16	280	5225	40.95	-7.86	41.70	281	6225	45.62	-11.58	47.06	284
4250	34.27	-6.11	34.81	280	5250	41.24	-8.36	42.08	281	6250	45.63	-11.64	47.09	284
4275	34.03	-5.95	34.54	280	5275	41.57	-8.76	42.49	282	6275	45.47	-12.02	47.04	285
4300	33.92	-6.05	34.46	280	5300	42.02	-8.67	42.91	281	6300	45.31	-12.27	46.94	285
4325	34.02	-6.54	34.64	281	5325	42.16	-8.34	42.97	281	6325	45.14	-12.44	46.82	285

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-40 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1655 03/09/65, 1200Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6350	45.08	-13.20	46.97	286	7350	53.25	-7.69	53.80	278	8350	55.77	-12.63	57.18	283
6375	45.24	-13.59	47.24	287	7375	53.42	-7.24	53.91	278	8375	55.80	-13.37	57.37	283
6400	45.31	-13.35	47.24	286	7400	53.60	-7.11	54.07	277	8400	55.57	-13.61	57.21	284
6425	45.33	-13.68	47.35	287	7425	53.78	-6.63	54.18	277	8425	55.54	-13.98	57.27	284
6450	45.39	-14.19	47.56	287	7450	53.98	-6.14	54.33	276	8450	55.49	-13.93	57.21	284
6475	45.41	-14.28	47.60	287	7475	54.07	-6.08	54.41	276	8475	55.34	-13.87	57.06	284
6500	45.37	-14.66	47.68	288	7500	54.33	-6.17	54.68	276	8500	55.67	-14.84	57.62	285
6525	45.36	-15.01	47.78	288	7525	54.92	-6.93	55.36	277	8525	56.12	-15.12	58.12	285
6550	45.40	-15.32	47.92	288	7550	55.30	-7.03	55.74	277	8550	56.52	-14.68	58.39	284
6575	45.74	-15.83	48.40	289	7575	55.62	-6.85	56.04	277	8575	56.56	-14.45	58.38	284
6600	46.23	-16.04	48.93	289	7600	55.67	-6.87	56.09	277	8600	56.43	-14.62	58.29	284
6625	46.72	-15.96	49.37	289	7625	55.75	-6.92	56.18	277	8625	56.51	-14.52	58.35	284
6650	47.14	-15.32	49.56	288	7650	55.99	-6.75	56.40	277	8650	56.67	-14.26	58.43	284
6675	47.27	-14.80	49.54	287	7675	55.94	-6.60	56.32	277	8675	56.59	-13.94	58.28	284
6700	47.17	-14.83	49.44	287	7700	55.90	-7.02	56.34	277	8700	56.87	-13.62	58.48	283
6725	47.27	-14.66	49.49	287	7725	55.75	-7.43	56.25	277	8725	57.00	-13.49	58.57	283
6750	47.37	-14.26	49.47	287	7750	55.76	-7.31	56.24	277	8750	56.88	-13.52	58.46	283
6775	47.06	-14.05	49.11	286	7775	55.97	-7.08	56.41	277	8775	57.31	-13.04	58.77	283
6800	46.96	-14.12	49.04	287	7800	55.98	-6.63	56.37	277	8800	57.52	-12.63	58.89	282
6825	46.97	-14.20	49.07	287	7825	55.93	-6.27	56.29	276	8825	57.82	-12.29	59.11	282
6850	46.87	-14.03	48.92	286	7850	55.92	-5.90	56.23	276	8850	58.01	-12.21	59.29	282
6875	46.89	-14.14	48.97	287	7875	55.77	-6.56	56.16	277	8875	57.96	-12.35	59.26	282
6900	47.95	-14.22	50.01	286	7900	55.67	-7.41	56.16	277	8900	58.02	-12.17	59.28	282
6925	48.10	-13.84	50.05	286	7925	55.83	-7.27	56.30	277	8925	58.09	-11.75	59.27	281
6950	47.38	-13.78	49.34	286	7950	55.91	-7.74	56.44	278	8950	58.01	-11.58	59.16	281
6975	48.20	-13.67	50.10	286	7975	55.89	-7.97	56.46	278	8975	57.88	-12.04	59.12	282
7000	49.15	-13.70	51.02	285	8000	55.95	-8.03	56.53	278	9000	58.08	-12.20	59.35	282
7025	50.02	-13.61	51.84	285	8025	55.78	-8.04	56.36	278	9025	58.74	-12.03	59.96	281
7050	51.01	-12.63	52.55	284	8050	55.50	-8.23	56.11	278	9050	58.80	-12.06	60.02	281
7075	51.39	-11.88	52.74	283	8075	55.59	-8.49	56.24	279	9075	58.66	-11.80	59.83	281
7100	51.55	-11.62	52.84	283	8100	55.83	-8.79	56.51	279	9100	58.64	-11.72	59.80	281
7125	51.86	-11.07	53.03	282	8125	55.75	-9.09	56.49	279	9125	58.89	-11.52	60.00	281
7150	52.08	-10.54	53.13	281	8150	55.64	-9.40	56.43	279	9150	58.83	-11.32	59.91	281
7175	52.25	-10.34	53.26	281	8175	55.71	-9.77	56.56	280	9175	58.53	-11.92	59.73	281
7200	52.26	-9.76	53.17	280	8200	55.67	-10.13	56.58	280	9200	58.57	-11.70	59.73	281
7225	52.33	-9.20	53.13	280	8225	55.61	-10.41	56.58	280	9225	58.73	-10.89	59.73	280
7250	52.55	-8.98	53.31	280	8250	55.45	-10.82	56.50	281	9250	58.81	-11.32	59.89	281
7275	52.78	-8.70	53.50	279	8275	55.38	-11.49	56.56	282	9275	58.91	-11.27	59.98	281
7300	53.19	-8.28	53.83	279	8300	55.54	-12.03	56.83	282	9300	58.78	-11.13	59.82	281
7325	53.32	-8.13	53.94	278	8325	55.53	-12.08	56.83	282	9325	58.89	-10.78	59.87	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1655 03/09/65, 1200Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9350	58.93	-11.11	59.97	280	10350	59.23	-14.94	61.09	284	11350	62.31	-9.86	63.09	279
9375	58.85	-11.25	59.92	281	10375	59.46	-14.95	61.31	284	11375	62.50	-9.58	63.23	279
9400	59.02	-11.02	60.04	280	10400	59.53	-14.95	61.37	284	11400	62.51	-9.69	63.25	279
9425	59.16	-11.05	60.19	280	10425	59.46	-14.94	61.31	284	11425	62.79	-8.55	63.37	278
9450	59.24	-10.81	60.22	280	10450	59.68	-14.93	61.52	284	11450	62.99	-7.72	63.46	277
9475	59.50	-10.92	60.50	280	10475	59.83	-15.28	61.75	284	11475	63.07	-7.54	63.52	277
9500	59.53	-10.99	60.54	280	10500	59.85	-15.03	61.71	284	11500	63.33	-5.70	63.58	275
9525	59.31	-10.69	60.26	280	10525	59.89	-14.80	61.69	284	11525	63.27	-5.50	63.51	275
9550	59.59	-10.53	60.52	280	10550	59.94	-15.09	61.81	284	11550	62.98	-6.77	63.34	276
9575	59.57	-11.23	60.62	280	10575	59.53	-15.81	61.59	285	11575	63.39	-5.80	63.65	275
9600	59.43	-11.43	60.52	281	10600	59.61	-15.65	61.63	285	11600	63.43	-5.52	63.67	275
9625	59.31	-10.91	60.31	280	10625	60.23	-14.94	62.06	284	11625	63.48	-5.24	63.69	275
9650	59.43	-11.07	60.45	280	10650	60.23	-15.32	62.15	284	11650	63.33	-5.49	63.57	275
9675	59.36	-11.37	60.44	281	10675	59.95	-15.03	61.81	284	11675	63.19	-5.75	63.45	275
9700	59.22	-11.53	60.33	281	10700	59.89	-13.82	61.46	283	11700	63.10	-5.91	63.38	275
9725	59.17	-11.35	60.25	281	10725	59.76	-13.03	61.17	282	11725	63.35	-4.08	63.48	274
9750	59.49	-10.96	60.49	280	10750	59.15	-14.07	60.80	283	11750	62.92	-5.96	63.20	275
9775	59.35	-12.41	60.63	282	10775	59.78	-12.68	61.11	282	11775	62.98	-6.67	63.34	276
9800	59.16	-12.08	60.38	281	10800	60.15	-12.73	61.48	282	11800	63.38	-3.67	63.49	273
9825	59.26	-10.95	60.26	280	10825	60.22	-13.67	61.75	283	11825	63.84	-1.44	63.85	271
9850	59.15	-11.91	60.33	281	10850	60.51	-13.43	61.98	282	11850	63.54	-4.69	63.71	274
9875	59.08	-12.30	60.35	282	10875	60.57	-14.24	62.22	283	11875	63.47	-4.40	63.62	274
9900	58.85	-12.59	60.18	282	10900	60.91	-12.77	62.23	282	11900	63.62	-3.39	63.71	273
9925	59.14	-12.21	60.39	281	10925	60.90	-12.08	62.09	281	11925	63.71	-3.72	63.82	273
9950	59.06	-12.31	60.33	282	10950	60.62	-12.83	61.97	282	11950	63.88	-3.35	63.97	273
9975	58.84	-12.57	60.17	282	10975	60.66	-13.63	62.17	282	11975	63.87	-3.79	63.98	273
10000	58.72	-12.81	60.10	282	11000	60.87	-13.29	62.30	282	12000	64.16	-3.49	64.25	273
10025	58.69	-12.96	60.11	282	11025	60.97	-12.41	62.22	281	12025	64.71	-5.47	64.94	275
10050	59.07	-13.02	60.49	282	11050	60.75	-12.98	62.13	282	12050	65.05	-6.19	65.35	275
10075	59.21	-13.63	60.76	283	11075	61.50	-12.43	62.74	281	12075	65.98	-5.36	66.20	274
10100	59.33	-13.48	60.84	283	11100	61.58	-12.41	62.82	281	12100	66.32	-5.44	66.54	275
10125	59.42	-13.65	60.97	283	11125	61.66	-12.40	62.89	281	12125	66.41	-6.27	66.71	275
10150	59.48	-13.86	61.07	283	11150	61.54	-12.38	62.77	281	12150	67.41	-4.94	67.59	274
10175	59.71	-13.58	61.24	283	11175	61.41	-12.35	62.64	281	12175	68.03	-3.15	68.10	272
10200	59.63	-14.22	61.30	283	11200	60.92	-11.76	62.04	281	12200	68.16	-3.64	68.26	273
10225	59.39	-14.55	61.14	284	11225	61.65	-11.02	62.62	280	12225	68.22	-3.22	68.30	273
10250	59.33	-14.16	61.00	283	11250	62.17	-10.03	62.97	279	12250	68.77	-2.01	68.80	271
10275	59.49	-14.32	61.19	283	11275	62.29	-10.00	63.09	279	12275	69.66	-3.22	69.74	272
10300	59.48	-14.71	61.27	284	11300	62.14	-11.55	63.21	280	12300	69.73	-4.44	69.87	273
10325	59.26	-14.90	61.10	284	11325	62.08	-11.21	63.08	280	12325	69.91	-4.38	70.05	273

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

TABLE II-40 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1655 03/09/65, 1200Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12350	70.09	-4.31	70.22	273	13350	57.42	-15.60	59.50	285					
12375	70.97	-4.51	71.12	273	13375	57.32	-15.61	59.41	285					
12400	70.98	-5.51	71.19	274	13400	57.23	-15.63	59.33	285					
12425	70.50	-7.03	70.85	276	13425	57.14	-15.64	59.24	285					
12450	70.16	-7.60	70.58	276	13450	57.04	-15.65	59.15	285					
12475	69.53	-8.50	70.05	277	13475	56.37	-16.52	58.74	286					
12500	69.23	-8.46	69.75	277	13500	56.20	-16.63	58.61	286					
12525	68.93	-8.43	69.44	277	13525	56.03	-16.73	58.47	286					
12550	67.66	-8.07	68.14	277	13550	55.86	-16.84	58.34	287					
12575	66.97	-8.83	67.55	277	13575	55.47	-16.67	57.92	287					
12600	66.85	-8.73	67.41	277	13600	55.42	-16.48	57.82	286					
12625	66.72	-8.63	67.28	277	13625	55.36	-16.30	57.71	286					
12650	64.84	-8.53	65.40	277	13650	54.77	-17.15	57.39	287					
12675	64.63	-7.55	65.07	276	13675	54.77	-17.03	57.36	287					
12700	65.75	-7.73	66.20	277	13700	54.77	-16.91	57.33	287					
12725	65.50	-9.60	66.20	278	13725	54.78	-16.79	57.29	287					
12750	66.60	-6.24	66.89	275	13750	54.78	-16.67	57.26	287					
12775	67.49	-8.09	67.97	277	13775	54.78	-16.55	57.23	287					
12800	67.20	-9.21	67.83	278	13800	54.78	-16.44	57.20	287					
12825	66.91	-10.33	67.70	279	13825	54.15	-13.06	55.70	283					
12850	66.05	-12.25	67.18	280	13850	52.73	-15.52	54.96	286					
12875	66.51	-10.14	67.28	278	13875	54.42	-14.65	56.36	285					
12900	66.52	-9.30	67.17	278	13900	54.61	-15.48	56.76	286					
12925	65.57	-12.45	66.75	281	13925	54.47	-14.26	56.30	284					
12950	65.53	-12.94	66.80	281	13950	54.23	-13.96	56.00	284					
12975	64.40	-13.70	65.85	282	13975	52.99	-14.52	54.94	285					
13000	64.37	-13.89	65.85	282										
13025	64.34	-14.08	65.86	282										
13050	64.31	-14.27	65.87	282										
13075	64.22	-14.81	65.91	283										
13100	62.29	-16.79	64.51	285										
13125	62.10	-16.82	64.34	285										
13150	61.91	-16.85	64.16	285										
13175	61.73	-16.88	63.99	285										
13200	59.88	-15.65	61.90	284										
13225	59.53	-15.57	61.53	284										
13250	59.17	-15.49	61.17	284										
13275	59.19	-15.54	61.20	285										
13300	59.21	-15.59	61.23	285										
13325	59.08	-14.86	60.92	284										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-41

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1657 03/09/65, 1341Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
575	5.37	-7.56	9.27	324	1575	9.15	-7.37	11.75	309	2575	16.77	-6.23	17.89	290
600	5.12	-8.57	9.99	329	1600	9.43	-7.45	12.02	308	2600	16.91	-5.97	17.93	289
625	5.17	-7.49	9.10	325	1625	9.43	-7.49	12.04	308	2625	17.10	-5.87	18.08	289
650	5.35	-7.67	9.35	325	1650	9.24	-7.69	12.02	310	2650	17.28	-6.11	18.33	289
675	5.20	-7.86	9.42	326	1675	8.91	-7.92	11.92	311	2675	17.55	-6.55	18.73	290
700	5.10	-8.24	9.69	328	1700	8.82	-7.98	11.90	312	2700	17.63	-7.06	18.99	292
725	4.88	-8.42	9.73	330	1725	9.26	-8.02	12.25	311	2725	17.84	-7.51	19.36	293
750	4.70	-8.71	9.90	331	1750	9.62	-8.12	12.59	310	2750	17.97	-8.06	19.69	294
775	4.38	-9.14	10.14	334	1775	9.67	-7.99	12.54	309	2775	18.16	-8.58	20.09	295
800	3.86	-9.25	10.03	337	1800	9.98	-7.57	12.53	307	2800	18.49	-9.04	20.58	296
825	3.50	-9.36	9.99	339	1825	10.66	-7.45	13.00	305	2825	18.56	-9.34	20.77	297
850	3.17	-9.65	10.16	342	1850	11.38	-7.77	13.78	304	2850	18.56	-9.40	20.81	297
875	2.90	-9.71	10.13	343	1875	11.85	-8.05	14.37	304	2875	18.69	-9.60	21.01	297
900	2.91	-9.30	9.75	342	1900	11.97	-8.03	14.41	304	2900	18.83	-10.00	21.32	298
925	3.15	-8.60	9.16	340	1925	11.86	-7.98	14.29	304	2925	18.91	-10.36	21.56	299
950	3.38	-8.04	8.72	337	1950	11.93	-8.09	14.42	304	2950	19.11	-10.66	21.88	299
975	3.72	-7.29	8.18	333	1975	12.09	-8.28	14.65	304	2975	19.39	-10.93	22.26	299
1000	3.92	-6.28	7.40	328	2000	12.19	-8.42	14.81	304	3000	19.61	-11.05	22.51	299
1025	3.84	-5.36	6.60	324	2025	12.30	-8.49	14.94	304	3025	19.89	-11.11	22.78	299
1050	2.41	-3.57	4.31	326	2050	12.86	-8.58	15.46	304	3050	20.32	-10.92	23.07	298
1075	3.34	-3.88	5.12	319	2075	13.45	-8.39	15.85	302	3075	20.56	-10.75	23.20	297
1100	9.25	-8.25	12.39	312	2100	13.25	-7.67	15.31	300	3100	20.75	-10.71	23.35	297
1125	9.93	-8.53	13.09	310	2125	13.10	-7.04	14.88	298	3125	20.98	-10.59	23.50	297
1150	7.15	-5.76	9.18	309	2150	13.21	-6.58	14.76	296	3150	21.19	-10.72	23.75	297
1175	7.48	-5.31	9.17	305	2175	13.06	-6.15	14.43	295	3175	21.36	-10.73	23.90	297
1200	7.44	-5.42	9.20	306	2200	12.93	-5.80	14.17	294	3200	21.50	-10.44	23.90	296
1225	6.88	-5.72	8.94	310	2225	13.15	-5.73	14.35	293	3225	21.75	-10.23	24.04	295
1250	6.12	-6.09	8.63	315	2250	13.55	-5.60	14.66	292	3250	21.82	-10.00	24.00	294
1275	5.74	-6.64	8.78	319	2275	13.92	-5.65	15.03	292	3275	21.87	-9.87	24.00	294
1300	5.83	-7.45	9.46	322	2300	14.21	-5.95	15.41	293	3300	22.16	-9.87	24.25	294
1325	6.11	-7.95	10.02	322	2325	14.45	-6.18	15.71	293	3325	22.20	-9.96	24.33	294
1350	6.75	-8.05	10.51	320	2350	14.82	-6.51	16.18	294	3350	22.10	-10.02	24.26	294
1375	7.40	-8.04	10.92	317	2375	15.03	-6.74	16.48	294	3375	22.22	-10.07	24.40	294
1400	8.00	-7.96	11.29	315	2400	15.20	-6.91	16.69	294	3400	22.47	-9.95	24.57	294
1425	8.54	-7.93	11.65	313	2425	15.35	-6.87	16.82	294	3425	22.96	-9.57	24.88	292
1450	9.13	-8.06	12.18	311	2450	15.56	-6.35	16.80	292	3450	23.33	-9.08	25.03	291
1475	9.49	-8.15	12.51	310	2475	15.88	-5.82	16.91	290	3475	23.61	-8.55	25.11	290
1500	9.06	-7.86	11.99	311	2500	16.32	-5.70	17.29	289	3500	24.12	-8.26	25.49	289
1525	8.97	-7.72	11.83	311	2525	16.67	-5.92	17.69	289	3525	24.63	-7.79	25.84	287
1550	9.15	-7.56	11.87	309	2550	16.79	-6.18	17.89	290	3550	25.14	-7.32	26.19	286

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1657 03/09/65, 1341Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3575	25.56	-7.21	26.55	286	4575	34.96	-9.28	36.17	285	5575	42.38	-5.69	42.76	277
3600	26.12	-7.01	27.04	285	4600	35.15	-9.29	36.35	285	5600	42.29	-5.62	42.66	277
3625	26.62	-6.72	27.45	284	4625	35.28	-9.49	36.53	285	5625	42.22	-5.55	42.58	277
3650	27.22	-6.28	27.94	283	4650	35.35	-9.75	36.67	285	5650	42.11	-5.12	42.42	277
3675	27.98	-5.73	28.56	281	4675	35.59	-9.90	36.94	285	5675	41.91	-5.03	42.21	277
3700	28.52	-5.23	28.99	280	4700	35.97	-10.18	37.38	286	5700	41.80	-5.06	42.11	277
3725	29.25	-4.71	29.63	279	4725	36.44	-10.52	37.93	286	5725	41.69	-5.01	41.99	277
3750	30.04	-4.29	30.34	278	4750	36.85	-10.55	38.33	286	5750	41.52	-5.33	41.86	277
3775	30.70	-3.85	30.94	277	4775	36.82	-10.18	38.21	285	5775	41.46	-5.62	41.84	278
3800	31.28	-3.49	31.47	276	4800	36.90	-9.53	38.11	284	5800	41.43	-5.80	41.84	278
3825	31.81	-3.22	31.98	276	4825	37.37	-8.91	38.42	283	5825	41.25	-5.95	41.68	278
3850	32.24	-3.06	32.38	275	4850	37.79	-8.69	38.78	283	5850	41.17	-6.32	41.65	279
3875	32.43	-2.70	32.54	275	4875	38.28	-8.61	39.24	282	5875	41.32	-6.97	41.91	279
3900	32.74	-2.61	32.85	274	4900	38.57	-8.36	39.47	282	5900	41.63	-7.72	42.34	280
3925	33.33	-2.94	33.46	275	4925	38.43	-8.37	39.33	282	5925	41.89	-7.85	42.62	280
3950	33.80	-3.18	33.95	275	4950	38.44	-8.34	39.34	282	5950	42.27	-7.99	43.01	281
3975	34.07	-3.41	34.24	276	4975	38.75	-7.70	39.51	281	5975	42.52	-8.63	43.39	281
4000	33.82	-3.46	34.00	276	5000	39.12	-7.35	39.81	280	6000	42.49	-8.79	43.39	282
4025	33.51	-3.60	33.71	276	5025	39.35	-7.72	40.10	281	6025	42.17	-8.64	43.05	281
4050	33.70	-4.25	33.97	277	5050	39.39	-8.04	40.20	281	6050	41.75	-8.89	42.69	282
4075	34.27	-4.65	34.59	278	5075	39.52	-8.01	40.33	281	6075	41.65	-9.14	42.65	282
4100	34.99	-4.67	35.30	277	5100	39.71	-8.33	40.57	282	6100	41.45	-9.27	42.48	282
4125	35.07	-4.91	35.41	278	5125	40.01	-8.07	40.82	281	6125	41.32	-9.20	42.33	282
4150	34.97	-5.35	35.38	279	5150	40.32	-7.63	41.04	281	6150	41.25	-9.35	42.29	283
4175	35.31	-5.46	35.73	279	5175	40.49	-7.92	41.26	281	6175	41.04	-9.52	42.13	283
4200	35.68	-5.68	36.13	279	5200	41.02	-7.95	41.78	281	6200	41.03	-9.73	42.17	283
4225	35.67	-6.33	36.22	280	5225	41.39	-8.03	42.16	281	6225	41.15	-10.20	42.39	284
4250	35.17	-6.83	35.83	281	5250	41.45	-8.05	42.23	281	6250	41.26	-10.52	42.58	284
4275	34.62	-6.88	35.29	281	5275	41.51	-7.97	42.27	281	6275	41.28	-10.64	42.62	284
4300	33.99	-6.95	34.70	281	5300	41.67	-7.94	42.42	281	6300	41.11	-10.82	42.51	285
4325	33.75	-7.13	34.49	282	5325	41.71	-8.03	42.48	281	6325	41.14	-11.21	42.64	285
4350	34.06	-7.50	34.87	282	5350	41.66	-8.01	42.42	281	6350	41.31	-11.54	42.89	285
4375	34.18	-7.70	35.04	283	5375	41.74	-7.69	42.44	280	6375	41.40	-12.11	43.13	286
4400	33.93	-7.60	34.77	282	5400	41.83	-7.44	42.49	280	6400	41.39	-12.76	43.31	287
4425	33.61	-7.72	34.49	283	5425	41.77	-7.18	42.39	280	6425	41.39	-13.15	43.43	287
4450	33.81	-8.18	34.78	283	5450	41.65	-6.74	42.19	279	6450	41.45	-13.60	43.63	288
4475	34.01	-8.59	35.08	284	5475	41.60	-6.76	42.14	279	6475	41.66	-14.17	44.00	289
4500	34.08	-8.74	35.18	284	5500	41.57	-6.56	42.09	279	6500	41.92	-14.45	44.34	289
4525	34.38	-8.91	35.51	284	5525	41.80	-6.23	42.26	278	6525	42.21	-14.82	44.74	289
4550	34.69	-9.16	35.88	285	5550	42.21	-6.17	42.66	278	6550	42.52	-15.35	45.20	290

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-41 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1657 03/09/65, 1341Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6575	42.69	-15.61	45.45	290	7575	53.60	-5.42	53.88	276	8575	53.39	-9.20	54.18	280
6600	42.74	-15.86	45.59	290	7600	53.59	-5.57	53.88	276	8600	53.50	-9.73	54.38	280
6625	42.94	-16.34	45.94	291	7625	53.66	-5.22	53.91	275	8625	53.63	-9.61	54.49	280
6650	43.03	-16.43	46.06	291	7650	53.89	-5.28	54.14	275	8650	53.72	-8.96	54.46	279
6675	42.98	-16.44	46.02	291	7675	54.24	-5.37	54.51	275	8675	53.42	-8.91	54.16	279
6700	42.83	-16.69	45.97	291	7700	54.10	-5.06	54.34	275	8700	53.86	-8.59	54.54	279
6725	43.05	-16.56	46.12	291	7725	53.83	-4.76	54.04	275	8725	54.52	-8.27	55.15	278
6750	43.41	-16.43	46.41	291	7750	53.78	-5.02	54.01	275	8750	55.28	-8.17	55.89	278
6775	43.54	-16.77	46.66	291	7775	53.69	-5.13	53.93	275	8775	55.54	-8.53	56.20	279
6800	44.07	-17.27	47.34	291	7800	53.85	-4.53	54.04	275	8800	56.06	-8.10	56.64	278
6825	44.74	-17.12	47.90	291	7825	53.65	-4.72	53.86	275	8825	56.21	-7.82	56.75	278
6850	45.51	-17.16	48.64	290	7850	53.53	-4.91	53.76	275	8850	56.21	-7.55	56.71	277
6875	46.21	-16.66	49.13	290	7875	53.41	-4.94	53.64	275	8875	56.51	-7.36	56.98	277
6900	46.72	-15.67	49.28	288	7900	53.37	-4.89	53.60	275	8900	56.41	-7.76	56.94	278
6925	47.03	-15.10	49.39	288	7925	53.60	-4.93	53.83	275	8925	56.66	-7.65	57.18	278
6950	47.39	-14.47	49.55	287	7950	53.60	-4.96	53.83	275	8950	57.00	-7.64	57.51	277
6975	47.61	-14.08	49.65	286	7975	53.47	-4.80	53.69	275	8975	57.02	-7.82	57.55	278
7000	47.70	-13.60	49.61	286	8000	53.73	-5.06	53.96	275	9000	57.58	-8.10	58.14	278
7025	47.59	-13.30	49.42	285	8025	53.96	-4.97	54.19	275	9025	57.64	-8.14	58.21	278
7050	47.66	-13.22	49.46	285	8050	53.68	-5.25	53.93	275	9050	57.11	-8.19	57.69	278
7075	47.85	-12.87	49.55	285	8075	53.62	-5.19	53.87	275	9075	57.23	-8.07	57.79	278
7100	48.28	-11.78	49.69	284	8100	53.63	-5.00	53.86	275	9100	57.26	-8.58	57.90	278
7125	48.69	-10.93	49.90	282	8125	53.56	-5.52	53.84	276	9125	57.30	-8.98	58.00	279
7150	49.11	-9.90	50.10	281	8150	53.80	-5.50	54.08	276	9150	57.35	-8.79	58.02	279
7175	49.54	-9.55	50.45	281	8175	53.74	-5.66	54.04	276	9175	57.41	-9.28	58.16	279
7200	50.00	-9.13	50.83	280	8200	53.74	-5.94	54.07	276	9200	57.66	-9.17	58.39	279
7225	50.80	-8.18	51.46	279	8225	53.75	-5.93	54.08	276	9225	57.69	-9.09	58.40	279
7250	51.41	-7.42	51.94	278	8250	53.41	-5.82	53.72	276	9250	57.60	-9.19	58.33	279
7275	52.09	-6.65	52.52	277	8275	53.31	-5.75	53.62	276	9275	57.69	-9.13	58.41	279
7300	52.11	-6.05	52.46	276	8300	53.28	-5.47	53.56	276	9300	57.78	-8.76	58.44	278
7325	51.86	-5.61	52.17	276	8325	52.98	-6.16	53.34	276	9325	57.62	-9.19	58.35	279
7350	52.09	-5.45	52.38	276	8350	52.79	-7.45	53.31	278	9350	57.75	-8.82	58.42	278
7375	52.30	-5.36	52.57	276	8375	53.03	-7.44	53.54	278	9375	57.86	-8.39	58.47	278
7400	52.44	-4.97	52.68	275	8400	53.02	-7.34	53.53	278	9400	57.75	-8.84	58.43	279
7425	52.50	-4.78	52.72	275	8425	53.04	-7.45	53.56	278	9425	57.92	-7.92	58.46	278
7450	52.70	-4.76	52.91	275	8450	53.22	-8.03	53.82	278	9450	57.85	-8.19	58.42	278
7475	53.42	-4.48	53.61	275	8475	53.35	-7.66	53.90	278	9475	57.62	-8.70	58.27	278
7500	53.75	-4.36	53.92	274	8500	53.33	-8.42	53.99	279	9500	57.69	-8.65	58.33	278
7525	53.70	-4.59	53.90	275	8525	53.14	-9.53	53.98	280	9525	57.72	-8.66	58.36	278
7550	53.68	-5.09	53.92	275	8550	53.11	-9.28	53.91	280	9550	57.62	-8.71	58.28	278

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1657 03/09/65, 1341Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9575	57.71	-8.56	58.35	278	10575	60.93	-13.04	62.31	282	11575	59.04	-5.81	59.33	275
9600	57.80	-8.42	58.41	278	10600	60.68	-13.94	62.26	283	11600	59.17	-5.20	59.40	275
9625	57.84	-8.25	58.42	278	10625	61.01	-13.92	62.57	283	11625	59.20	-5.37	59.44	275
9650	57.62	-9.06	58.33	279	10650	60.92	-14.24	62.56	283	11650	59.14	-5.23	59.37	275
9675	57.63	-9.34	58.38	279	10675	60.72	-15.23	62.60	284	11675	59.16	-5.34	59.40	275
9700	57.79	-8.89	58.47	279	10700	61.32	-14.61	63.04	283	11700	59.42	-4.85	59.62	274
9725	58.07	-8.30	58.66	278	10725	61.76	-14.20	63.37	283	11725	60.03	-2.83	60.10	273
9750	58.22	-8.09	58.78	278	10750	61.74	-15.27	63.60	284	11750	59.73	-3.49	59.83	273
9775	58.03	-8.65	58.67	278	10775	61.61	-15.60	63.56	284	11775	59.64	-3.52	59.74	273
9800	58.04	-8.60	58.67	278	10800	61.81	-14.63	63.52	283	11800	60.18	-2.73	60.24	272
9825	58.03	-9.38	58.78	279	10825	61.81	-14.87	63.58	283	11825	60.09	-2.54	60.15	272
9850	57.80	-9.80	58.63	279	10850	61.90	-15.08	63.71	284	11850	60.09	-1.59	60.11	271
9875	57.99	-9.07	58.69	279	10875	62.16	-14.54	63.84	283	11875	60.08	-1.63	60.10	271
9900	58.64	-9.29	59.37	279	10900	62.08	-14.72	63.80	283	11900	59.92	-0.73	59.93	271
9925	58.59	-10.38	59.51	280	10925	63.01	-14.73	64.71	283	11925	59.99	-0.61	59.99	270
9950	58.58	-10.80	59.57	280	10950	62.97	-14.68	64.66	283	11950	60.05	-0.50	60.05	270
9975	58.79	-10.53	59.73	280	10975	62.06	-14.60	63.76	283	11975	60.25	0.09	60.25	270
10000	58.79	-10.69	59.76	280	11000	62.25	-14.73	63.97	283	12000	61.91	3.11	61.99	267
10025	58.86	-10.87	59.86	280	11025	62.70	-14.47	64.35	283	12025	62.98	0.22	62.98	270
10050	58.81	-11.47	59.92	281	11050	62.87	-14.32	64.48	283	12050	64.34	-0.84	64.34	271
10075	58.91	-11.88	60.10	281	11075	62.74	-14.63	64.43	283	12075	65.55	-0.11	65.55	270
10100	59.25	-11.82	60.42	281	11100	62.69	-15.02	64.47	283	12100	65.98	0.98	65.98	269
10125	59.47	-11.98	60.66	281	11125	62.69	-14.41	64.33	283	12125	66.32	1.70	66.34	268
10150	59.46	-12.30	60.71	282	11150	62.63	-14.02	64.18	282	12150	66.43	0.95	66.44	269
10175	59.48	-12.64	60.81	282	11175	62.57	-13.62	64.03	282	12175	66.83	1.07	66.84	269
10200	59.55	-13.37	61.04	282	11200	62.00	-13.70	63.49	282	12200	66.62	0.05	66.62	270
10225	59.63	-13.35	61.11	282	11225	61.58	-13.04	62.95	282	12225	66.10	-1.55	66.11	271
10250	60.01	-13.14	61.43	282	11250	61.17	-12.39	62.41	281	12250	66.31	-1.21	66.32	271
10275	59.99	-13.59	61.51	283	11275	60.82	-12.22	62.03	281	12275	66.36	-1.29	66.37	271
10300	59.99	-13.75	61.55	283	11300	60.39	-11.49	61.47	281	12300	66.03	-2.57	66.08	272
10325	60.01	-13.23	61.45	282	11325	60.38	-11.06	61.38	280	12325	66.01	-3.46	66.10	273
10350	60.16	-13.24	61.59	282	11350	60.10	-10.68	61.04	280	12350	66.15	-3.31	66.23	273
10375	60.22	-13.35	61.68	282	11375	59.64	-10.19	60.50	280	12375	65.74	-3.91	65.86	273
10400	60.48	-13.42	61.95	282	11400	59.69	-9.08	60.38	278	12400	65.36	-4.57	65.52	274
10425	60.52	-13.84	62.09	283	11425	59.72	-8.25	60.28	278	12425	65.64	-6.74	65.98	276
10450	60.34	-14.36	62.03	283	11450	59.36	-8.27	59.94	278	12450	65.96	-7.75	66.41	277
10475	60.86	-13.30	62.29	282	11475	59.24	-7.46	59.71	277	12475	66.02	-7.35	66.43	276
10500	61.01	-13.13	62.41	282	11500	59.67	-5.94	59.97	276	12500	65.62	-7.09	66.00	276
10525	60.94	-13.42	62.40	282	11525	59.35	-5.96	59.65	276	12525	65.15	-6.58	65.48	276
10550	61.07	-13.04	62.45	282	11550	59.01	-6.71	59.39	276	12550	64.89	-6.09	65.17	275

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-41 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1657 03/09/65, 1341Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12575	64.24	-7.66	64.69	277	13575	53.34	-14.37	55.24	285	14575	56.29	-2.46	56.34	272
12600	63.70	-8.65	64.28	278	13600	52.63	-15.92	54.99	287	14600	56.60	-0.67	56.60	270
12625	63.83	-8.27	64.37	277	13625	52.67	-14.64	54.66	285	14625	55.81	-0.28	55.81	270
12650	64.17	-8.42	64.72	277	13650	52.25	-14.32	54.17	285	14650	54.79	-1.02	54.80	271
12675	64.40	-8.09	64.91	277	13675	51.86	-14.97	53.97	286	14675	54.88	0.80	54.89	269
12700	64.32	-7.65	64.77	277	13700	51.22	-14.11	53.13	285	14700	53.89	2.68	53.96	267
12725	63.93	-7.89	64.41	277	13725	51.09	-14.35	53.07	286	14725	53.45	2.67	53.52	267
12750	63.25	-8.54	63.82	278	13750	50.83	-14.30	52.80	286	14750	53.06	3.63	53.19	266
12775	62.51	-9.32	63.20	278	13775	51.00	-12.94	52.62	284	14775	53.14	4.82	53.35	265
12800	62.16	-9.11	62.83	278	13800	50.75	-12.30	52.22	283	14800	53.20	4.83	53.42	265
12825	62.04	-9.30	62.73	278	13825	50.41	-13.13	52.09	284	14825	53.46	4.26	53.63	265
12850	61.73	-10.60	62.63	280	13850	50.80	-11.80	52.15	283	14850	55.23	3.44	55.34	266
12875	61.39	-11.13	62.39	280	13875	50.87	-11.26	52.10	282	14875	55.72	3.13	55.81	267
12900	60.96	-12.01	62.13	281	13900	50.74	-10.73	51.86	282	14900	56.18	2.04	56.22	268
12925	60.99	-12.15	62.19	281	13925	50.81	-10.21	51.82	281	14925	56.29	2.15	56.33	268
12950	60.57	-11.65	61.68	281	13950	50.74	-11.01	51.92	282	14950	56.52	2.94	56.59	267
12975	59.64	-12.78	60.99	282	13975	51.04	-9.77	51.96	281	14975	56.88	2.43	56.94	267
13000	59.22	-13.77	60.80	283	14000	51.09	-9.16	51.91	280	15000	56.87	1.42	56.89	268
13025	59.38	-12.98	60.79	282	14025	50.94	-9.70	51.85	281	15025	57.71	1.34	57.73	268
13050	59.53	-12.52	60.83	282	14050	51.50	-9.02	52.28	280	15050	57.69	1.50	57.71	268
13075	59.36	-13.19	60.80	282	14075	51.90	-8.48	52.59	279	15075	56.81	0.20	56.82	270
13100	59.79	-12.59	61.10	282	14100	51.91	-8.20	52.56	279	15100	56.69	-1.08	56.70	271
13125	60.13	-12.56	61.43	282	14125	51.56	-8.66	52.29	279	15125	56.21	-1.37	56.23	271
13150	60.46	-12.90	61.82	282	14150	51.71	-7.09	52.20	278	15150	55.59	-1.28	55.60	271
13175	60.35	-13.50	61.84	282	14175	51.66	-5.27	51.92	276	15175	55.03	-1.87	55.06	272
13200	59.87	-13.81	61.44	283	14200	51.35	-5.46	51.64	276	15200	54.43	-1.38	54.45	271
13225	59.54	-13.86	61.13	283	14225	51.54	-5.08	51.79	275	15225	54.28	-2.03	54.32	272
13250	59.10	-13.19	60.56	282	14250	51.73	-4.10	51.89	274	15250	53.96	-2.56	54.02	273
13275	58.57	-11.96	59.78	281	14275	51.93	-4.12	52.09	274	15275	53.41	-3.58	53.53	274
13300	57.71	-12.70	59.09	282	14300	52.70	-3.48	52.82	274	15300	53.21	-3.93	53.36	274
13325	57.25	-13.33	58.78	283	14325	53.51	-2.38	53.56	272	15325	53.29	-4.05	53.45	274
13350	57.16	-12.51	58.52	282	14350	53.94	-2.88	54.01	273	15350	53.12	-3.91	53.26	274
13375	56.90	-12.85	58.33	283	14375	54.02	-3.22	54.11	273	15375	53.12	-3.74	53.26	274
13400	56.23	-13.79	57.89	284	14400	54.41	-3.34	54.51	273	15400	52.97	-5.06	53.21	275
13425	56.09	-13.55	57.70	283	14425	54.50	-2.75	54.57	273	15425	52.37	-6.86	52.82	277
13450	55.99	-13.28	57.55	283	14450	55.58	-1.12	55.59	271	15450	52.38	-7.26	52.88	278
13475	55.45	-14.28	57.26	284	14475	55.80	-1.44	55.81	271	15475	52.69	-6.20	53.06	277
13500	54.73	-14.19	56.54	284	14500	56.03	-2.19	56.07	272	15500	52.74	-5.66	53.04	276
13525	54.16	-13.47	55.81	284	14525	56.27	-2.25	56.31	272	15525	52.76	-9.47	53.60	280
13550	53.86	-13.35	55.49	284	14550	56.09	-2.13	56.13	272	15550	52.69	-8.62	53.39	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1657 03/09/65, 1341Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15575	52.45	-8.36	53.11	279										
15600	52.20	-9.67	53.09	280										
15625	51.34	-11.87	52.69	283										
15650	51.12	-13.37	52.84	284										
15675	50.94	-12.49	52.45	284										
15700	50.80	-12.03	52.21	283										
15725	50.29	-12.50	51.82	284										
15750	49.39	-13.88	51.30	286										
15775	48.86	-15.00	51.11	287										
15800	47.92	-13.43	49.77	285										
15825	47.66	-13.12	49.44	285										
15850	46.76	-11.59	48.18	284										
15875	46.75	-11.51	48.14	284										
15900	46.58	-12.27	48.17	285										
15925	46.55	-12.52	48.21	285										
15950	46.52	-9.53	47.49	281										
15975	45.97	-9.39	46.92	281										
16000	45.14	-8.93	46.01	281										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-42

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1662 03/10/65, 0151Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	6.80	1.84	7.05	255	1175	4.83	-0.98	4.93	281	2175	10.69	-5.49	12.01	297
200	7.11	1.71	7.32	256	1200	4.73	-1.27	4.90	285	2200	10.57	-5.61	11.97	298
225	7.49	1.50	7.64	258	1225	4.76	-1.51	5.00	287	2225	10.46	-5.87	11.99	299
250	8.06	1.23	8.15	261	1250	4.80	-1.57	5.05	288	2250	10.32	-6.01	11.95	300
275	8.64	1.16	8.72	262	1275	4.87	-1.59	5.12	288	2275	10.30	-6.34	12.09	301
300	8.97	1.08	9.03	263	1300	4.97	-1.78	5.28	290	2300	10.34	-6.65	12.29	303
325	8.57	0.99	8.62	263	1325	5.04	-2.03	5.43	292	2325	10.58	-6.59	12.46	302
350	8.30	1.16	8.38	262	1350	5.07	-2.14	5.51	293	2350	10.96	-6.62	12.81	301
375	8.70	0.89	8.74	264	1375	5.03	-2.33	5.54	295	2375	11.07	-6.92	13.06	302
400	9.47	-0.03	9.47	270	1400	4.98	-2.55	5.60	297	2400	11.20	-7.04	13.23	302
425	10.63	-0.87	10.66	274	1425	4.96	-2.64	5.62	298	2425	11.49	-6.99	13.45	301
450	11.32	-1.73	11.46	279	1450	4.84	-2.97	5.67	301	2450	11.71	-6.97	13.63	301
475	11.23	-2.46	11.50	282	1475	4.96	-3.28	5.95	303	2475	11.97	-6.75	13.74	299
500	11.29	-2.75	11.62	283	1500	5.22	-3.39	6.22	303	2500	12.17	-6.11	13.62	296
525	11.34	-2.75	11.67	283	1525	5.40	-3.31	6.33	301	2525	12.12	-5.28	13.22	293
550	11.37	-2.94	11.74	284	1550	5.52	-3.10	6.33	299	2550	12.34	-4.78	13.23	291
575	11.56	-3.52	12.08	287	1575	5.40	-3.16	6.26	300	2575	12.98	-4.96	13.90	291
600	11.72	-3.96	12.37	289	1600	5.34	-3.14	6.20	300	2600	13.50	-5.09	14.43	290
625	11.83	-4.32	12.59	290	1625	5.59	-3.27	6.48	300	2625	13.55	-4.76	14.37	289
650	11.61	-4.68	12.51	292	1650	6.01	-3.46	6.94	300	2650	13.47	-4.52	14.21	288
675	10.92	-5.07	12.04	295	1675	6.51	-3.49	7.38	298	2675	13.60	-4.49	14.32	288
700	10.26	-4.89	11.37	295	1700	6.77	-3.78	7.76	299	2700	13.95	-4.75	14.73	289
725	10.04	-4.28	10.91	293	1725	7.00	-3.98	8.05	299	2725	14.30	-5.21	15.22	290
750	9.86	-3.72	10.54	290	1750	8.44	-4.76	9.69	299	2750	14.66	-5.63	15.70	291
775	9.51	-3.48	10.13	290	1775	8.67	-4.86	9.94	299	2775	15.04	-5.86	16.14	291
800	9.21	-3.33	9.79	290	1800	7.24	-4.12	8.32	299	2800	15.45	-6.04	16.59	291
825	8.78	-3.13	9.32	289	1825	6.90	-4.03	7.99	300	2825	16.10	-6.22	17.26	291
850	8.30	-3.13	8.87	290	1850	6.77	-3.85	7.79	299	2850	16.71	-6.40	17.90	291
875	7.87	-3.02	8.43	291	1875	6.56	-3.70	7.53	299	2875	17.12	-6.64	18.36	291
900	7.70	-2.88	8.23	290	1900	6.55	-3.72	7.53	299	2900	17.53	-6.81	18.80	291
925	7.80	-2.71	8.26	289	1925	6.69	-3.88	7.73	300	2925	17.99	-6.99	19.29	291
950	7.88	-2.65	8.32	288	1950	6.93	-4.04	8.02	300	2950	18.64	-7.30	20.02	291
975	7.70	-2.89	8.23	290	1975	7.38	-4.34	8.56	300	2975	19.28	-7.61	20.73	291
1000	7.47	-2.86	8.00	291	2000	7.64	-4.72	8.98	302	3000	19.84	-7.40	21.17	290
1025	7.25	-2.51	7.68	289	2025	7.97	-4.75	9.27	301	3025	20.54	-7.07	21.72	289
1050	6.88	-2.30	7.26	288	2050	8.49	-4.62	9.66	298	3050	21.11	-6.75	22.16	288
1075	6.50	-2.08	6.82	288	2075	8.76	-4.88	10.03	299	3075	21.62	-6.34	22.53	286
1100	5.98	-1.60	6.19	285	2100	9.19	-5.33	10.62	300	3100	21.94	-6.39	22.85	286
1125	5.60	-1.22	5.73	282	2125	9.85	-5.46	11.26	299	3125	22.04	-6.55	22.99	286
1150	5.24	-1.02	5.34	281	2150	10.44	-5.49	11.79	298	3150	22.45	-6.47	23.37	286

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1662 03/10/65, 0151Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	23.10	-6.37	23.96	285	4175	31.72	-4.48	32.04	278	5175	36.14	-7.89	36.99	282
3200	23.58	-6.26	24.40	285	4200	32.02	-5.16	32.43	279	5200	36.19	-7.88	37.04	282
3225	23.97	-6.11	24.74	284	4225	31.88	-5.76	32.39	280	5225	36.36	-8.30	37.29	283
3250	24.14	-6.22	24.93	284	4250	31.49	-6.14	32.08	281	5250	36.74	-8.46	37.70	283
3275	24.28	-6.41	25.11	285	4275	31.19	-6.29	31.81	281	5275	36.79	-8.39	37.73	283
3300	24.76	-6.41	25.57	284	4300	31.07	-6.50	31.74	282	5300	36.88	-8.45	37.83	283
3325	25.03	-6.45	25.85	284	4325	30.83	-6.85	31.58	282	5325	36.95	-8.52	37.91	283
3350	25.21	-6.37	26.00	284	4350	30.50	-6.71	31.23	282	5350	37.10	-8.43	38.05	283
3375	25.51	-6.25	26.27	284	4375	30.26	-6.21	30.89	281	5375	37.51	-8.42	38.44	282
3400	25.73	-6.26	26.48	283	4400	30.10	-5.88	30.67	281	5400	37.82	-9.02	38.88	283
3425	25.81	-6.29	26.57	284	4425	29.93	-5.38	30.41	280	5425	38.25	-9.86	39.50	284
3450	25.96	-6.03	26.65	283	4450	29.83	-4.83	30.22	279	5450	38.48	-10.53	39.89	285
3475	26.19	-5.73	26.82	282	4475	29.77	-4.32	30.08	278	5475	38.67	-11.20	40.26	286
3500	26.39	-5.80	27.02	282	4500	30.10	-3.99	30.36	277	5500	39.06	-11.94	40.84	287
3525	26.69	-5.85	27.32	282	4525	30.52	-4.30	30.82	278	5525	39.23	-12.38	41.14	287
3550	26.95	-5.84	27.57	282	4550	30.93	-4.87	31.31	279	5550	39.57	-12.71	41.57	288
3575	26.85	-5.68	27.44	282	4575	31.65	-5.76	32.17	280	5575	40.36	-13.24	42.48	288
3600	27.01	-5.79	27.62	282	4600	32.50	-6.39	33.12	281	5600	40.99	-13.93	43.29	289
3625	27.50	-5.94	28.14	282	4625	32.91	-7.02	33.65	282	5625	41.37	-14.77	43.92	289
3650	27.86	-5.87	28.48	282	4650	33.14	-7.76	34.03	283	5650	41.61	-15.16	44.28	290
3675	28.13	-5.67	28.70	281	4675	33.18	-8.14	34.16	284	5675	41.86	-14.91	44.43	289
3700	28.38	-5.36	28.88	281	4700	32.86	-8.33	33.90	284	5700	42.17	-14.91	44.73	289
3725	28.62	-5.20	29.09	280	4725	32.52	-8.22	33.54	284	5725	42.24	-15.43	44.97	290
3750	28.83	-5.11	29.28	280	4750	32.20	-8.41	33.29	284	5750	42.06	-15.88	44.96	291
3775	28.99	-5.07	29.43	280	4775	31.91	-8.19	32.94	284	5775	41.88	-15.69	44.72	290
3800	28.98	-5.08	29.42	280	4800	31.58	-7.67	32.49	283	5800	42.13	-15.18	44.78	290
3825	28.87	-5.02	29.30	280	4825	31.39	-7.56	32.29	283	5825	42.83	-14.83	45.32	289
3850	28.67	-5.02	29.10	280	4850	31.60	-7.44	32.46	283	5850	43.53	-14.06	45.74	288
3875	28.46	-4.94	28.89	280	4875	32.37	-7.15	33.15	282	5875	44.60	-13.02	46.47	286
3900	28.23	-4.83	28.65	280	4900	33.42	-7.44	34.24	282	5900	45.58	-12.44	47.25	285
3925	28.06	-4.91	28.49	280	4925	34.59	-7.81	35.46	283	5925	46.01	-12.28	47.62	285
3950	28.06	-4.82	28.47	280	4950	35.43	-7.86	36.29	282	5950	46.50	-12.07	48.04	284
3975	28.27	-4.49	28.63	279	4975	35.89	-7.96	36.76	282	5975	47.17	-11.07	48.45	283
4000	28.59	-4.32	28.91	278	5000	36.11	-7.89	36.96	282	6000	47.71	-10.26	48.80	282
4025	28.80	-4.22	29.11	278	5025	36.11	-7.55	36.89	282	6025	48.26	-9.94	49.28	281
4050	29.12	-4.17	29.42	278	5050	35.92	-7.52	36.70	282	6050	48.65	-9.53	49.57	281
4075	29.61	-4.17	29.90	278	5075	35.62	-7.67	36.43	282	6075	49.17	-9.30	50.04	281
4100	30.02	-4.21	30.31	278	5100	35.56	-7.56	36.35	282	6100	49.52	-9.17	50.36	280
4125	30.39	-4.21	30.68	278	5125	35.68	-7.57	36.47	282	6125	49.62	-8.88	50.41	280
4150	30.99	-4.10	31.26	277	5150	35.81	-7.85	36.66	282	6150	49.85	-8.62	50.59	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-42 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1662 03/10/65, 0151Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	49.83	-8.61	50.57	280	7175	50.20	-6.85	50.66	278	8175	49.83	-16.18	52.39	288
6200	49.99	-8.28	50.67	279	7200	50.22	-6.88	50.69	278	8200	50.24	-16.10	52.75	288
6225	50.10	-7.42	50.64	278	7225	50.20	-7.07	50.70	278	8225	50.35	-15.97	52.82	287
6250	50.00	-6.89	50.48	278	7250	50.24	-7.36	50.78	278	8250	50.03	-16.68	52.74	288
6275	50.05	-6.33	50.44	277	7275	50.30	-7.74	50.89	279	8275	50.05	-17.17	52.91	289
6300	49.84	-5.66	50.16	276	7300	50.17	-8.33	50.85	279	8300	50.38	-16.45	53.00	288
6325	49.84	-5.13	50.10	276	7325	50.30	-8.59	51.03	280	8325	50.19	-16.14	52.72	288
6350	49.79	-5.38	50.08	276	7350	50.46	-8.61	51.19	280	8350	49.86	-17.55	52.85	289
6375	49.87	-5.86	50.21	277	7375	50.32	-8.90	51.10	280	8375	49.83	-17.93	52.96	290
6400	50.07	-5.99	50.42	277	7400	50.22	-8.88	50.99	280	8400	49.88	-17.87	52.99	290
6425	50.11	-6.33	50.51	277	7425	50.13	-8.72	50.88	280	8425	50.15	-18.74	53.54	290
6450	50.31	-6.69	50.76	277	7450	49.93	-8.85	50.71	280	8450	50.28	-19.21	53.83	291
6475	50.37	-6.86	50.83	278	7475	49.71	-8.97	50.52	280	8475	50.44	-19.18	53.96	291
6500	50.34	-7.00	50.83	278	7500	49.74	-9.34	50.61	280	8500	50.62	-19.41	54.21	291
6525	50.46	-6.92	50.93	278	7525	49.63	-10.00	50.63	281	8525	50.77	-19.36	54.33	291
6550	50.67	-6.93	51.15	278	7550	49.49	-10.31	50.56	282	8550	50.81	-19.69	54.49	291
6575	50.97	-7.09	51.46	278	7575	49.65	-10.84	50.82	282	8575	50.84	-20.21	54.71	292
6600	51.20	-7.53	51.75	278	7600	50.17	-11.07	51.38	282	8600	51.08	-20.87	55.18	292
6625	51.38	-7.88	51.98	279	7625	50.41	-11.36	51.68	283	8625	51.29	-20.68	55.31	292
6650	51.40	-8.23	52.05	279	7650	50.30	-11.65	51.63	283	8650	51.68	-20.88	55.74	292
6675	51.55	-8.65	52.27	279	7675	49.95	-12.14	51.40	283	8675	52.31	-20.69	56.25	291
6700	51.83	-8.13	52.47	279	7700	49.86	-12.96	51.52	284	8700	52.61	-20.12	56.32	291
6725	51.74	-7.70	52.31	278	7725	50.19	-12.45	51.71	284	8725	52.39	-20.12	56.12	291
6750	51.65	-7.55	52.20	278	7750	50.29	-12.44	51.80	284	8750	52.19	-19.58	55.74	290
6775	51.51	-7.38	52.03	278	7775	50.37	-12.70	51.94	284	8775	52.35	-19.05	55.71	290
6800	51.36	-7.57	51.91	278	7800	50.68	-12.59	52.22	284	8800	52.19	-18.79	55.47	290
6825	51.52	-7.51	52.07	278	7825	50.76	-13.09	52.42	284	8825	51.69	-18.86	55.02	290
6850	51.54	-7.77	52.13	278	7850	50.69	-13.97	52.58	285	8850	51.79	-18.67	55.05	290
6875	51.53	-8.14	52.17	279	7875	50.63	-14.65	52.70	286	8875	52.16	-18.14	55.22	289
6900	51.21	-8.23	51.87	279	7900	50.68	-13.75	52.52	285	8900	52.12	-18.21	55.21	289
6925	50.88	-8.29	51.55	279	7925	50.87	-13.29	52.57	284	8925	51.87	-18.28	55.00	289
6950	50.83	-8.09	51.47	279	7950	50.74	-14.41	52.75	286	8950	51.95	-17.59	54.85	289
6975	50.71	-7.88	51.32	279	7975	50.51	-14.97	52.68	286	8975	52.13	-17.21	54.90	288
7000	50.81	-7.69	51.39	278	8000	50.16	-15.02	52.36	286	9000	52.04	-17.20	54.81	288
7025	50.76	-7.77	51.35	279	8025	49.90	-14.61	51.99	286	9025	51.96	-17.26	54.75	288
7050	50.43	-7.75	51.02	279	8050	49.82	-14.68	51.94	286	9050	51.97	-17.08	54.71	288
7075	50.12	-7.62	50.69	278	8075	50.22	-14.68	52.32	286	9075	51.61	-17.31	54.43	288
7100	50.15	-7.24	50.67	278	8100	50.30	-14.95	52.48	286	9100	51.49	-17.84	54.49	289
7125	50.13	-7.02	50.62	278	8125	50.00	-15.89	52.46	287	9125	51.55	-17.31	54.38	288
7150	50.09	-7.09	50.59	278	8150	49.82	-15.86	52.28	287	9150	51.66	-16.78	54.32	288

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1662 03/10/65, 0151Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	51.61	-17.01	54.34	288	10175	48.00	-20.67	52.26	293	11175	45.07	-28.25	53.19	302
9200	51.64	-16.63	54.26	288	10200	48.31	-20.50	52.48	293	11200	44.96	-28.14	53.04	302
9225	51.45	-17.07	54.20	288	10225	48.05	-20.25	52.15	293	11225	45.41	-28.64	53.69	302
9250	51.48	-16.69	54.11	288	10250	47.53	-21.45	52.14	294	11250	45.18	-28.57	53.46	302
9275	51.67	-15.96	54.08	287	10275	47.37	-21.61	52.07	294	11275	44.90	-28.62	53.25	302
9300	51.35	-15.71	53.70	287	10300	47.84	-21.13	52.29	294	11300	45.36	-29.04	53.86	302
9325	51.09	-15.40	53.36	287	10325	47.99	-22.34	52.94	295	11325	45.29	-29.52	54.06	303
9350	50.85	-15.11	53.05	286	10350	47.94	-22.01	52.75	294	11350	45.66	-28.97	54.08	302
9375	51.28	-14.97	53.42	286	10375	47.99	-20.88	52.34	293	11375	45.64	-29.80	54.51	303
9400	50.82	-15.27	53.06	287	10400	47.65	-22.48	52.69	295	11400	45.90	-29.66	54.65	303
9425	49.72	-14.54	51.80	286	10425	47.60	-23.12	52.92	296	11425	46.07	-29.97	54.95	303
9450	49.51	-14.52	51.60	286	10450	47.38	-22.93	52.64	296	11450	45.96	-30.90	55.38	304
9475	48.92	-15.04	51.18	287	10475	47.19	-22.51	52.28	295	11475	46.16	-30.65	55.41	303
9500	48.66	-15.33	51.02	287	10500	47.14	-22.25	52.13	295	11500	46.30	-30.86	55.64	304
9525	48.74	-14.98	50.99	287	10525	46.29	-23.00	51.69	296	11525	46.36	-30.68	55.60	303
9550	48.32	-14.29	50.39	286	10550	46.16	-23.79	51.93	297	11550	46.31	-31.04	55.75	304
9575	47.95	-15.13	50.29	287	10575	45.85	-23.45	51.50	297	11575	46.04	-31.89	56.01	305
9600	48.03	-15.16	50.36	287	10600	45.50	-22.97	50.97	297	11600	45.72	-32.21	55.92	305
9625	48.01	-15.15	50.34	287	10625	45.47	-22.88	50.90	297	11625	45.84	-32.32	56.09	305
9650	47.92	-14.68	50.12	287	10650	45.32	-22.57	50.63	296	11650	45.96	-32.26	56.15	305
9675	47.54	-14.35	49.66	287	10675	45.05	-23.28	50.71	297	11675	46.15	-32.32	56.34	305
9700	47.16	-15.18	49.54	288	10700	45.41	-23.50	51.13	297	11700	46.42	-32.81	56.85	305
9725	47.09	-14.88	49.39	287	10725	45.76	-23.24	51.32	297	11725	46.08	-33.39	56.91	306
9750	47.06	-14.92	49.37	287	10750	45.48	-23.87	51.36	298	11750	45.61	-33.96	56.87	306
9775	47.12	-14.85	49.41	287	10775	45.81	-23.41	51.45	297	11775	45.75	-34.15	57.09	307
9800	47.04	-15.68	49.58	288	10800	46.43	-22.22	51.47	295	11800	45.48	-34.84	57.29	307
9825	47.16	-16.37	49.92	289	10825	46.14	-23.15	51.62	296	11825	45.55	-35.33	57.65	308
9850	47.13	-16.85	50.05	289	10850	45.89	-24.06	51.82	297	11850	45.93	-34.15	57.23	306
9875	47.36	-18.36	50.80	291	10875	45.70	-24.48	51.84	298	11875	44.95	-33.45	56.03	306
9900	47.64	-18.61	51.15	291	10900	45.65	-24.80	51.96	298	11900	44.82	-32.18	55.18	305
9925	47.44	-18.60	50.95	291	10925	45.95	-24.77	52.20	298	11925	45.33	-28.77	53.69	302
9950	47.51	-18.65	51.04	291	10950	45.95	-24.90	52.26	298	11950	44.77	-32.38	55.25	306
9975	47.62	-19.14	51.32	292	10975	45.96	-24.69	52.17	298	11975	45.57	-31.75	55.54	305
10000	47.84	-19.05	51.49	292	11000	45.90	-25.42	52.47	299	12000	45.99	-28.15	53.92	301
10025	47.70	-18.59	51.20	291	11025	45.63	-25.90	52.47	299	12025	45.37	-26.66	52.62	300
10050	47.52	-19.68	51.43	292	11050	45.54	-26.08	52.48	300	12050	44.60	-26.64	51.95	301
10075	47.46	-19.86	51.45	293	11075	45.39	-26.92	52.77	300	12075	43.95	-27.85	52.03	302
10100	47.50	-19.86	51.48	293	11100	45.03	-27.84	52.95	302	12100	43.58	-28.41	52.03	303
10125	48.01	-20.03	52.02	292	11125	44.74	-27.65	52.60	302	12125	43.50	-27.17	51.29	302
10150	48.11	-19.71	51.99	292	11150	44.68	-28.52	53.00	302	12150	43.37	-28.00	51.63	303

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-42 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1662 03/10/65, 0151Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	44.16	-26.12	51.31	300	13175	47.70	-6.16	48.09	277					
12200	44.11	-25.58	51.00	300	13200	47.84	-4.90	48.09	276					
12225	43.73	-26.17	50.96	301	13225	47.37	-5.88	47.74	277					
12250	44.81	-25.12	51.37	299	13250	47.67	-5.57	48.00	276					
12275	44.59	-25.19	51.21	299	13275	48.07	-6.26	48.48	277					
12300	43.63	-25.70	50.64	300	13300	49.02	-4.56	49.24	275					
12325	43.05	-25.40	49.98	300	13325	49.47	-2.59	49.53	273					
12350	43.06	-23.34	48.98	298	13350	49.31	-2.15	49.36	272					
12375	42.84	-22.02	48.17	297	13375	49.45	-3.42	49.57	274					
12400	43.30	-20.94	48.10	296	13400	49.06	-4.56	49.27	275					
12425	43.57	-19.75	47.84	294	13425	50.28	-0.80	50.29	271					
12450	42.88	-19.76	47.22	295	13450	50.80	-1.40	50.82	271					
12475	42.48	-19.07	46.56	294	13475	50.50	-4.91	50.74	275					
12500	41.91	-20.43	46.62	296	13500	51.48	-7.09	51.97	278					
12525	41.58	-19.98	46.14	295	13525	54.99	-5.01	55.21	275					
12550	41.29	-17.64	44.90	293	13550	56.53	-6.09	56.85	276					
12575	41.86	-16.71	45.07	292	13575	57.32	-7.11	57.76	277					
12600	42.02	-16.23	45.04	291	13600	57.29	-7.38	57.76	277					
12625	42.30	-15.65	45.10	290	13625	58.73	-8.32	59.31	278					
12650	42.41	-14.45	44.80	289	13650	59.28	-7.76	59.78	277					
12675	41.53	-14.93	44.13	290	13675	58.49	-11.12	59.53	281					
12700	42.42	-14.45	44.82	289	13700	58.67	-10.56	59.61	280					
12725	42.37	-13.83	44.57	288	13725	59.09	-8.98	59.77	278					
12750	40.30	-12.52	42.20	287	13750	58.19	-12.49	59.52	282					
12775	42.47	-12.44	44.25	286	13775	58.41	-12.19	59.67	282					
12800	43.22	-12.62	45.03	286	13800	58.25	-12.12	59.50	282					
12825	44.20	-11.62	45.70	285	13825	58.41	-13.14	59.87	282					
12850	44.78	-10.39	45.97	283	13850	58.97	-13.07	60.40	282					
12875	44.90	-9.50	45.90	282	13875	59.45	-12.30	60.71	282					
12900	45.23	-9.36	46.19	282	13900	59.02	-13.52	60.55	283					
12925	44.47	-11.14	45.85	284	13925	58.68	-14.84	60.52	284					
12950	45.42	-9.58	46.42	282	13950	59.14	-13.99	60.77	283					
12975	46.05	-8.97	46.92	281	13975	59.18	-13.98	60.81	283					
13000	45.70	-9.77	46.73	282	14000	59.50	-13.88	61.09	283					
13025	46.47	-7.13	47.01	279										
13050	47.03	-6.42	47.47	278										
13075	46.54	-8.48	47.31	280										
13100	47.06	-7.27	47.62	279										
13125	47.93	-3.97	48.10	275										
13150	47.64	-6.11	48.03	277										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-43

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1660 03/10/65, 1001Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
375	9.96	-2.27	10.22	283	1375	8.87	-8.98	12.62	315	2375	13.26	-5.27	14.27	291
400	9.84	-1.29	9.93	277	1400	7.95	-9.49	12.38	320	2400	13.18	-4.82	14.03	290
425	9.93	-0.49	9.95	273	1425	6.98	-9.72	11.97	324	2425	12.99	-4.42	13.72	289
450	9.96	-0.13	9.96	271	1450	6.27	-9.80	11.63	327	2450	13.10	-4.10	13.72	287
475	9.97	-0.02	9.97	270	1475	5.63	-9.79	11.29	330	2475	13.09	-3.82	13.64	286
500	10.00	0.01	10.00	270	1500	5.12	-9.63	10.90	332	2500	13.21	-3.85	13.76	286
525	10.03	-0.12	10.03	271	1525	4.79	-9.41	10.56	333	2525	13.47	-3.91	14.02	286
550	9.90	-0.24	9.90	271	1550	4.68	-9.27	10.39	333	2550	13.57	-4.08	14.17	287
575	9.71	-0.42	9.72	272	1575	4.52	-9.24	10.28	334	2575	13.57	-4.35	14.25	288
600	9.80	-0.78	9.83	274	1600	4.60	-9.33	10.40	334	2600	13.44	-4.41	14.15	288
625	9.84	-1.03	9.89	276	1625	5.07	-9.50	10.76	332	2625	13.39	-4.26	14.05	287
650	9.80	-1.26	9.88	277	1650	5.57	-9.56	11.06	330	2650	13.74	-4.28	14.39	287
675	9.75	-1.71	9.90	280	1675	5.89	-9.80	11.43	329	2675	14.36	-4.13	14.94	286
700	9.66	-2.10	9.89	282	1700	6.00	-10.06	11.71	329	2700	14.92	-3.88	15.42	284
725	9.57	-2.46	9.88	284	1725	6.36	-10.01	11.86	327	2725	15.77	-4.22	16.32	285
750	9.51	-2.94	9.96	287	1750	6.89	-9.92	12.08	325	2750	16.33	-4.81	17.02	286
775	9.59	-3.30	10.14	289	1775	7.48	-9.87	12.39	323	2775	16.49	-5.44	17.37	288
800	9.76	-3.49	10.36	289	1800	7.97	-9.50	12.40	320	2800	16.52	-5.91	17.54	290
825	9.92	-3.85	10.64	291	1825	8.32	-8.91	12.20	317	2825	16.68	-6.37	17.85	291
850	9.61	-4.31	10.53	294	1850	8.38	-8.53	11.96	315	2850	16.91	-7.19	18.37	293
875	9.44	-4.78	10.58	297	1875	8.16	-8.52	11.80	316	2875	17.29	-7.95	19.03	295
900	9.77	-5.48	11.20	299	1900	8.11	-8.66	11.86	317	2900	17.88	-8.09	19.62	294
925	9.96	-6.00	11.63	301	1925	8.18	-8.71	11.95	317	2925	18.14	-7.84	19.76	293
950	9.75	-6.18	11.54	302	1950	8.08	-8.71	11.88	317	2950	17.97	-7.31	19.40	292
975	9.59	-6.41	11.53	304	1975	7.98	-8.78	11.86	318	2975	17.96	-6.69	19.17	290
1000	9.62	-6.57	11.64	304	2000	8.54	-8.98	12.39	316	3000	18.87	-6.10	19.83	288
1025	9.60	-6.67	11.69	305	2025	9.43	-9.13	13.13	314	3025	19.64	-5.82	20.48	286
1050	9.52	-6.73	11.66	305	2050	9.82	-8.96	13.30	312	3050	19.97	-5.94	20.84	286
1075	9.54	-6.68	11.65	305	2075	9.78	-8.51	12.96	311	3075	20.14	-6.16	21.06	287
1100	9.39	-6.68	11.53	305	2100	9.87	-7.98	12.70	309	3100	19.75	-6.42	20.76	288
1125	9.01	-6.69	11.23	306	2125	9.99	-7.69	12.60	307	3125	19.51	-6.63	20.60	289
1150	9.03	-6.68	11.23	306	2150	10.02	-7.61	12.59	307	3150	19.39	-7.27	20.71	290
1175	9.08	-6.79	11.34	307	2175	10.01	-7.37	12.43	306	3175	20.22	-8.13	21.80	292
1200	9.04	-7.08	11.49	308	2200	10.02	-7.02	12.23	305	3200	21.09	-8.76	22.84	292
1225	9.21	-7.38	11.80	309	2225	10.43	-6.66	12.37	302	3225	21.37	-9.51	23.39	294
1250	9.68	-7.63	12.33	308	2250	11.01	-6.36	12.71	300	3250	21.93	-9.95	24.08	294
1275	10.02	-7.77	12.68	308	2275	11.63	-6.16	13.16	298	3275	22.16	-10.30	24.44	295
1300	9.78	-7.91	12.58	309	2300	12.13	-6.08	13.57	296	3300	22.23	-10.62	24.64	295
1325	9.45	-8.05	12.41	310	2325	12.53	-5.84	13.82	295	3325	22.49	-11.05	25.06	296
1350	9.25	-8.42	12.51	312	2350	12.97	-5.51	14.09	293	3350	22.83	-11.77	25.69	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1660 03/10/65, 1001Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3375	23.39	-12.26	26.41	297	4375	25.70	-5.38	26.25	282	5375	35.29	-1.91	35.34	273
3400	24.06	-12.40	27.07	297	4400	25.85	-5.36	26.40	282	5400	35.31	-2.42	35.39	274
3425	24.24	-12.27	27.17	297	4425	25.97	-4.97	26.45	281	5425	35.06	-2.81	35.18	274
3450	24.14	-11.60	26.78	295	4450	26.10	-4.50	26.48	280	5450	35.07	-3.37	35.23	275
3475	24.49	-11.15	26.92	294	4475	26.43	-4.25	26.77	279	5475	34.95	-3.59	35.14	276
3500	25.24	-11.09	27.57	294	4500	26.63	-4.02	26.93	278	5500	34.80	-4.02	35.03	276
3525	25.87	-11.53	28.32	294	4525	27.16	-4.01	27.46	278	5525	34.92	-4.58	35.22	277
3550	26.20	-12.16	28.88	295	4550	27.69	-4.35	28.03	279	5550	34.76	-5.14	35.14	278
3575	25.86	-11.65	28.37	294	4575	28.17	-4.58	28.54	279	5575	34.62	-5.57	35.07	279
3600	24.97	-11.01	27.29	294	4600	28.74	-4.85	29.14	279	5600	34.54	-5.84	35.03	279
3625	24.13	-10.54	26.33	293	4625	29.13	-5.39	29.62	280	5625	34.36	-6.33	34.94	280
3650	23.56	-9.79	25.51	292	4650	29.67	-5.87	30.25	281	5650	34.72	-6.73	35.36	281
3675	23.43	-9.45	25.26	292	4675	30.44	-6.22	31.07	281	5675	35.00	-7.11	35.72	281
3700	23.29	-9.41	25.12	292	4700	30.82	-6.53	31.50	282	5700	35.07	-7.48	35.85	282
3725	23.27	-9.26	25.04	292	4725	31.12	-7.01	31.90	283	5725	35.29	-7.92	36.17	282
3750	23.43	-9.03	25.11	291	4750	31.74	-7.54	32.63	283	5750	35.36	-8.26	36.31	283
3775	23.41	-9.00	25.08	291	4775	32.23	-8.13	33.24	284	5775	35.49	-8.54	36.51	283
3800	23.41	-8.61	24.94	290	4800	32.48	-8.22	33.50	284	5800	35.87	-9.09	37.00	284
3825	23.66	-8.23	25.05	289	4825	32.61	-7.96	33.57	284	5825	36.45	-9.38	37.64	284
3850	23.69	-8.12	25.04	289	4850	32.66	-7.70	33.55	283	5850	37.14	-9.59	38.36	284
3875	23.63	-8.01	24.95	289	4875	32.58	-7.22	33.37	282	5875	37.62	-10.17	38.97	285
3900	23.52	-7.76	24.76	288	4900	32.66	-6.61	33.32	281	5900	38.14	-10.37	39.53	285
3925	23.44	-7.55	24.63	288	4925	32.91	-6.02	33.45	280	5925	38.50	-10.39	39.88	285
3950	23.78	-7.27	24.87	287	4950	33.29	-5.42	33.73	279	5950	38.60	-10.54	40.01	285
3975	23.77	-7.24	24.85	287	4975	33.48	-4.60	33.79	278	5975	38.67	-10.82	40.16	285
4000	23.45	-7.41	24.60	287	5000	33.54	-3.56	33.73	276	6000	38.89	-11.31	40.50	286
4025	23.37	-7.18	24.45	287	5025	33.72	-2.51	33.81	274	6025	39.24	-11.84	40.99	287
4050	23.30	-6.94	24.31	286	5050	33.95	-1.73	34.00	273	6050	39.71	-12.26	41.56	287
4075	23.36	-7.11	24.41	287	5075	34.05	-1.53	34.08	272	6075	40.11	-12.79	42.09	288
4100	23.31	-7.10	24.36	287	5100	34.17	-1.75	34.21	273	6100	40.62	-13.20	42.71	288
4125	23.39	-6.94	24.39	286	5125	34.41	-1.97	34.47	273	6125	41.31	-12.63	43.19	287
4150	23.78	-6.92	24.76	286	5150	34.50	-2.00	34.55	273	6150	41.95	-11.29	43.45	285
4175	24.29	-6.69	25.20	285	5175	34.44	-1.89	34.49	273	6175	42.51	-10.14	43.71	283
4200	24.66	-6.54	25.51	285	5200	34.54	-1.74	34.58	273	6200	42.65	-9.49	43.70	282
4225	24.92	-6.24	25.69	284	5225	34.71	-1.70	34.75	273	6225	42.74	-8.53	43.58	281
4250	25.17	-5.93	25.86	283	5250	34.65	-1.65	34.69	273	6250	43.19	-7.88	43.90	280
4275	25.29	-5.62	25.91	282	5275	34.71	-1.56	34.74	272	6275	44.11	-7.65	44.77	280
4300	25.51	-5.26	26.05	281	5300	35.03	-1.48	35.06	272	6300	45.21	-7.30	45.80	279
4325	25.59	-5.11	26.10	281	5325	35.24	-1.31	35.26	272	6325	46.30	-7.15	46.85	279
4350	25.67	-5.24	26.20	281	5350	35.18	-1.30	35.20	272	6350	46.94	-7.25	47.49	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-43 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1660 03/10/65, 1001Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6375	47.33	-7.48	47.91	279	7375	51.75	-1.41	51.77	271	8375	48.93	-4.42	49.13	275
6400	47.88	-7.65	48.49	279	7400	51.89	-1.20	51.91	271	8400	48.82	-4.31	49.01	275
6425	48.41	-7.69	49.01	279	7425	52.00	-0.52	52.00	270	8425	48.56	-4.41	48.76	275
6450	49.16	-7.62	49.74	279	7450	51.62	-0.50	51.63	270	8450	48.46	-4.30	48.65	275
6475	49.73	-7.14	50.24	278	7475	51.46	-0.20	51.46	270	8475	48.31	-4.52	48.52	275
6500	50.18	-6.53	50.60	277	7500	51.65	-0.20	51.65	270	8500	48.34	-4.46	48.54	275
6525	50.55	-6.17	50.93	277	7525	51.74	-0.30	51.75	270	8525	48.55	-4.72	48.77	275
6550	50.50	-6.10	50.87	277	7550	51.56	-0.26	51.56	270	8550	48.73	-5.40	49.02	276
6575	50.34	-6.33	50.74	277	7575	51.33	-0.40	51.34	270	8575	48.78	-5.52	49.09	276
6600	50.31	-6.37	50.71	277	7600	51.18	-0.02	51.18	270	8600	48.88	-5.25	49.16	276
6625	50.51	-6.04	50.87	277	7625	50.91	0.23	50.91	270	8625	49.26	-5.10	49.52	276
6650	50.74	-5.86	51.07	276	7650	50.84	-0.03	50.84	270	8650	49.12	-6.25	49.51	277
6675	50.73	-5.70	51.05	276	7675	50.72	-0.69	50.72	271	8675	49.29	-5.82	49.64	277
6700	50.72	-5.54	51.03	276	7700	50.71	-0.74	50.72	271	8700	49.62	-5.43	49.92	276
6725	50.65	-5.42	50.94	276	7725	50.74	-0.52	50.75	270	8725	49.50	-6.23	49.89	277
6750	50.39	-5.35	50.67	276	7750	50.43	-1.16	50.45	271	8750	49.90	-6.03	50.26	277
6775	50.27	-5.08	50.52	276	7775	50.37	-1.96	50.41	272	8775	50.23	-6.58	50.66	277
6800	50.14	-5.05	50.40	276	7800	50.42	-2.03	50.46	272	8800	50.40	-6.38	50.80	277
6825	50.05	-5.21	50.32	276	7825	50.46	-1.67	50.49	272	8825	50.47	-6.37	50.88	277
6850	50.12	-5.11	50.38	276	7850	50.54	-2.30	50.59	272	8850	50.36	-7.50	50.91	278
6875	50.37	-5.12	50.63	276	7875	50.75	-2.48	50.81	273	8875	50.85	-7.75	51.44	278
6900	50.36	-5.21	50.63	276	7900	50.81	-2.36	50.86	272	8900	51.46	-6.79	51.90	277
6925	50.42	-5.19	50.69	276	7925	50.88	-2.43	50.94	273	8925	51.12	-7.35	51.65	278
6950	50.43	-5.21	50.70	276	7950	50.78	-2.33	50.83	272	8950	50.80	-8.13	51.45	279
6975	50.47	-4.90	50.71	275	7975	50.42	-2.35	50.48	272	8975	50.92	-7.94	51.53	279
7000	50.99	-4.67	51.21	275	8000	50.31	-2.14	50.35	272	9000	51.12	-8.17	51.77	279
7025	51.11	-4.65	51.32	275	8025	50.10	-2.23	50.15	272	9025	51.60	-7.46	52.14	278
7050	51.12	-4.40	51.31	275	8050	49.96	-2.06	50.01	272	9050	51.34	-7.84	51.94	279
7075	51.16	-4.02	51.32	274	8075	49.97	-1.52	49.99	272	9075	51.05	-7.93	51.67	279
7100	51.02	-3.68	51.15	274	8100	50.12	-1.85	50.15	272	9100	51.36	-7.64	51.92	278
7125	50.87	-3.31	50.98	274	8125	50.19	-2.38	50.24	273	9125	51.65	-8.44	52.33	279
7150	50.63	-3.30	50.74	274	8150	50.29	-2.31	50.34	272	9150	52.03	-8.05	52.65	279
7175	50.38	-3.11	50.48	273	8175	49.97	-2.49	50.03	273	9175	51.87	-8.61	52.58	279
7200	50.27	-2.67	50.34	273	8200	49.50	-2.89	49.58	273	9200	51.72	-10.02	52.68	281
7225	50.51	-2.42	50.56	273	8225	49.24	-3.31	49.36	274	9225	52.12	-9.46	52.97	280
7250	50.91	-2.33	50.96	272	8250	49.21	-3.35	49.32	274	9250	52.36	-9.94	53.30	281
7275	51.01	-2.57	51.08	273	8275	49.08	-3.70	49.22	274	9275	52.52	-11.32	53.73	282
7300	51.27	-2.09	51.31	272	8300	48.95	-4.01	49.11	274	9300	52.54	-12.12	53.92	283
7325	51.39	-1.89	51.43	272	8325	48.88	-3.92	49.04	274	9325	52.18	-12.43	53.64	283
7350	51.56	-1.62	51.59	272	8350	48.73	-4.48	48.94	275	9350	52.08	-12.63	53.59	283

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1660 03/10/65, 1001Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9375	52.67	-13.48	54.37	284	10375	54.23	-24.85	59.66	294	11375	54.65	-36.64	65.80	304
9400	52.80	-12.67	54.29	283	10400	53.75	-24.91	59.24	295	11400	54.76	-36.59	65.86	304
9425	52.50	-12.51	53.97	283	10425	53.66	-25.63	59.47	295	11425	54.86	-36.54	65.92	303
9450	52.46	-13.32	54.12	284	10450	54.27	-25.06	59.77	295	11450	55.16	-36.13	65.94	303
9475	52.43	-14.08	54.29	285	10475	54.28	-25.31	59.89	295	11475	54.90	-38.06	66.80	305
9500	52.45	-15.32	54.64	286	10500	54.20	-26.57	60.36	296	11500	54.97	-38.93	67.36	305
9525	52.63	-13.80	54.41	285	10525	54.81	-25.84	60.59	295	11525	55.40	-38.41	67.41	305
9550	51.98	-14.50	53.97	285	10550	54.99	-26.09	60.87	295	11550	55.53	-38.42	67.52	305
9575	51.54	-15.72	53.89	287	10575	55.23	-25.45	60.81	295	11575	55.39	-39.57	68.07	305
9600	52.20	-16.09	54.62	287	10600	54.94	-26.02	60.79	295	11600	55.48	-39.80	68.28	305
9625	53.13	-16.99	55.78	288	10625	54.96	-27.95	61.66	297	11625	55.56	-40.03	68.48	306
9650	53.34	-16.67	55.89	287	10650	55.48	-27.10	61.74	296	11650	55.65	-40.26	68.69	306
9675	54.00	-17.25	56.69	288	10675	55.25	-26.28	61.18	295	11675	56.16	-41.07	69.57	306
9700	54.22	-17.76	57.06	288	10700	54.74	-27.28	61.16	296	11700	56.20	-40.75	69.42	306
9725	54.34	-18.00	57.25	288	10725	54.47	-28.38	61.42	297	11725	55.78	-41.91	69.77	307
9750	54.52	-18.22	57.49	288	10750	55.02	-28.09	61.78	297	11750	55.21	-41.26	68.93	307
9775	54.63	-18.05	57.53	288	10775	54.91	-28.57	61.90	297	11775	54.52	-40.52	67.93	306
9800	54.61	-17.78	57.44	288	10800	54.65	-29.65	62.17	298	11800	53.83	-39.79	66.93	306
9825	54.60	-18.52	57.65	289	10825	54.48	-30.27	62.32	299	11825	51.04	-37.14	63.12	306
9850	54.94	-18.49	57.97	288	10850	54.40	-28.63	61.48	298	11850	51.27	-36.91	63.18	306
9875	54.95	-18.34	57.92	288	10875	54.03	-29.13	61.38	298	11875	51.50	-36.69	63.23	305
9900	54.87	-18.47	57.89	288	10900	54.07	-29.82	61.75	299	11900	52.17	-36.37	63.60	305
9925	55.08	-19.20	58.33	289	10925	54.13	-29.61	61.70	299	11925	53.19	-35.17	63.76	303
9950	55.14	-19.80	58.59	290	10950	53.86	-30.32	61.80	299	11950	53.26	-33.75	63.06	302
9975	55.27	-19.16	58.49	289	10975	53.97	-30.20	61.85	299	11975	53.26	-32.47	62.38	301
10000	55.31	-19.06	58.50	289	11000	53.60	-32.02	62.44	301	12000	53.13	-32.89	62.48	302
10025	55.01	-19.95	58.51	290	11025	54.04	-32.22	62.91	301	12025	52.20	-31.76	61.10	301
10050	54.88	-20.29	58.51	290	11050	54.70	-31.16	62.95	299	12050	51.90	-30.76	60.33	300
10075	55.13	-19.75	58.56	290	11075	54.93	-31.91	63.53	300	12075	51.60	-29.76	59.56	300
10100	54.84	-20.15	58.43	290	11100	54.94	-32.81	63.99	301	12100	51.44	-29.16	59.13	299
10125	54.63	-20.70	58.42	291	11125	54.69	-32.56	63.65	301	12125	51.28	-28.57	58.70	299
10150	54.85	-20.54	58.57	290	11150	54.33	-33.07	63.60	301	12150	51.12	-27.97	58.27	299
10175	54.73	-21.03	58.63	291	11175	54.81	-32.86	63.90	301	12175	51.82	-25.57	57.78	296
10200	54.73	-21.88	58.94	292	11200	55.24	-32.98	64.33	301	12200	51.91	-24.56	57.42	295
10225	54.77	-21.82	58.96	292	11225	54.66	-35.09	64.95	303	12225	51.14	-26.16	57.44	297
10250	54.79	-22.26	59.14	292	11250	54.14	-34.99	64.46	303	12250	51.06	-25.46	57.06	296
10275	54.63	-23.09	59.30	293	11275	54.86	-35.39	65.29	303	12275	50.17	-24.94	56.03	296
10300	54.53	-23.14	59.23	293	11300	55.25	-35.96	65.92	303	12300	50.26	-24.81	56.05	296
10325	55.11	-22.82	59.65	292	11325	54.92	-34.65	64.93	302	12325	50.38	-24.09	55.84	295
10350	55.14	-23.45	59.92	293	11350	54.69	-34.75	64.80	302	12350	49.41	-24.91	55.34	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-43 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1660 03/10/65, 1001Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12375	49.97	-23.98	55.43	295	13375	51.71	-7.82	52.30	278					
12400	50.01	-23.80	55.38	295	13400	52.90	-7.11	53.37	277					
12425	50.04	-23.62	55.34	295	13425	53.98	-6.16	54.33	276					
12450	48.55	-23.97	54.15	296	13450	53.71	-6.90	54.15	277					
12475	49.33	-23.20	54.51	295	13475	55.10	-6.23	55.45	276					
12500	49.72	-23.50	54.99	295	13500	56.32	-6.06	56.64	276					
12525	49.26	-23.54	54.60	295	13525	56.81	-5.66	57.09	276					
12550	51.74	-21.62	56.08	292	13550	57.86	-6.92	58.28	277					
12575	52.44	-21.13	56.54	292	13575	57.93	-7.42	58.41	277					
12600	49.42	-19.26	53.04	291	13600	58.85	-6.98	59.26	277					
12625	49.24	-18.81	52.71	291	13625	59.67	-10.39	60.57	280					
12650	49.07	-18.36	52.39	290	13650	59.53	-11.78	60.69	281					
12675	50.01	-16.45	52.64	288	13675	58.51	-12.26	59.78	282					
12700	50.44	-14.31	52.43	286	13700	57.89	-14.98	59.79	284					
12725	49.58	-13.13	51.29	285	13725	57.71	-15.24	59.69	285					
12750	48.60	-11.50	49.94	283	13750	57.74	-14.40	59.51	284					
12775	48.36	-12.20	49.87	284	13775	57.77	-13.55	59.34	283					
12800	48.92	-12.78	50.57	284	13800	56.57	-14.13	58.31	284					
12825	49.04	-12.62	50.64	284	13825	55.94	-15.12	57.94	285					
12850	49.03	-12.21	50.53	284	13850	55.19	-14.75	57.12	285					
12875	49.03	-11.80	50.43	283	13875	54.55	-13.92	56.30	284					
12900	48.99	-11.63	50.35	283	13900	54.67	-11.97	55.96	282					
12925	48.95	-11.45	50.28	283	13925	54.17	-12.19	55.53	283					
12950	49.01	-11.54	50.35	283	13950	53.51	-12.02	54.84	282					
12975	49.06	-11.63	50.42	283	13975	53.03	-11.91	54.35	282					
13000	49.48	-10.11	50.50	281	14000	53.06	-9.95	53.98	280					
13025	49.38	-9.69	50.32	281										
13050	50.22	-9.99	51.21	281										
13075	49.93	-10.66	51.06	282										
13100	49.84	-9.75	50.79	281										
13125	50.34	-8.37	51.03	279										
13150	49.20	-11.03	50.42	282										
13175	49.07	-9.66	50.01	281										
13200	50.04	-6.90	50.51	278										
13225	49.39	-8.32	50.08	279										
13250	48.00	-10.93	49.23	283										
13275	49.67	-7.88	50.29	279										
13300	50.51	-7.34	51.04	278										
13325	50.34	-7.81	50.94	279										
13350	49.06	-7.71	49.66	279										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-44

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1661 03/10/65, 1201Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1050	4.38	-6.28	7.65	325	2050	11.19	-8.31	13.94	306	3050	18.54	-11.48	21.81	302
1075	3.45	-6.17	7.07	331	2075	11.48	-8.04	14.02	305	3075	19.31	-11.54	22.49	301
1100	2.86	-6.08	6.72	335	2100	11.55	-7.68	13.87	303	3100	19.93	-11.63	23.07	300
1125	2.91	-5.88	6.56	334	2125	11.82	-7.43	13.96	302	3125	20.41	-11.84	23.59	300
1150	2.66	-5.44	6.06	334	2150	12.12	-6.70	13.85	299	3150	20.84	-11.77	23.93	299
1175	2.05	-4.98	5.38	337	2175	12.67	-6.01	14.02	295	3175	21.27	-11.69	24.28	299
1200	1.57	-4.85	5.10	342	2200	12.83	-5.57	13.99	293	3200	21.71	-11.62	24.62	298
1225	1.07	-4.97	5.08	348	2225	12.66	-5.31	13.72	293	3225	22.14	-11.55	24.97	297
1250	0.65	-5.11	5.15	353	2250	12.80	-5.37	13.89	293	3250	22.58	-11.48	25.33	297
1275	0.68	-5.23	5.27	352	2275	12.74	-5.42	13.84	293	3275	23.01	-11.41	25.68	296
1300	1.02	-5.60	5.70	350	2300	12.88	-5.31	13.93	292	3300	23.44	-11.33	26.04	296
1325	1.27	-6.15	6.28	348	2325	13.10	-5.09	14.05	291	3325	23.88	-11.26	26.40	295
1350	1.70	-6.46	6.68	345	2350	13.23	-4.86	14.09	290	3350	24.31	-11.19	26.76	295
1375	2.42	-6.50	6.93	339	2375	13.40	-4.64	14.18	289	3375	24.75	-11.12	27.13	294
1400	3.05	-6.75	7.41	336	2400	13.50	-4.39	14.20	288	3400	25.26	-10.64	27.41	293
1425	3.55	-7.01	7.86	333	2425	13.68	-4.36	14.36	288	3425	25.79	-10.54	27.86	292
1450	3.93	-7.41	8.39	332	2450	13.98	-4.80	14.78	289	3450	26.31	-10.52	28.33	292
1475	4.03	-7.83	8.80	333	2475	13.93	-5.26	14.89	291	3475	26.68	-10.26	28.58	291
1500	4.31	-8.14	9.21	332	2500	13.56	-5.76	14.73	293	3500	26.83	-10.19	28.70	291
1525	4.64	-8.44	9.63	331	2525	13.30	-6.31	14.72	295	3525	26.78	-10.20	28.66	291
1550	5.05	-8.53	9.91	329	2550	13.05	-6.66	14.65	297	3550	26.91	-10.21	28.79	291
1575	5.41	-8.42	10.01	327	2575	12.87	-7.14	14.72	299	3575	26.90	-10.20	28.77	291
1600	5.59	-8.35	10.04	326	2600	12.90	-7.74	15.04	301	3600	26.86	-10.10	28.70	290
1625	5.93	-8.32	10.22	324	2625	13.45	-8.09	15.70	301	3625	26.94	-9.90	28.70	290
1650	6.28	-8.26	10.38	323	2650	14.28	-8.19	16.46	300	3650	26.75	-9.89	28.52	290
1675	6.47	-8.33	10.54	322	2675	14.73	-8.41	16.96	300	3675	27.02	-9.59	28.67	289
1700	6.62	-8.43	10.71	322	2700	14.94	-8.34	17.11	299	3700	27.27	-8.83	28.67	288
1725	6.73	-8.58	10.91	322	2725	15.09	-8.04	17.09	298	3725	27.34	-8.14	28.53	286
1750	6.68	-8.57	10.87	322	2750	15.49	-8.06	17.46	297	3750	27.89	-7.49	28.87	285
1775	6.62	-8.44	10.72	322	2775	15.86	-8.43	17.96	298	3775	28.10	-7.20	29.01	284
1800	6.63	-8.58	10.84	322	2800	15.77	-8.73	18.03	299	3800	27.87	-7.07	28.75	284
1825	6.79	-8.79	11.11	322	2825	15.56	-8.70	17.83	299	3825	27.73	-7.10	28.62	284
1850	7.26	-8.90	11.48	321	2850	15.47	-8.85	17.82	300	3850	27.63	-7.22	28.56	284
1875	7.92	-8.92	11.93	318	2875	15.62	-9.20	18.13	300	3875	27.65	-7.26	28.58	285
1900	8.47	-8.79	12.20	316	2900	15.90	-9.60	18.57	301	3900	27.69	-7.15	28.60	284
1925	8.82	-8.55	12.28	314	2925	15.98	-9.85	18.77	301	3925	27.84	-7.17	28.75	284
1950	9.29	-8.46	12.56	312	2950	16.08	-10.27	19.08	302	3950	27.95	-7.50	28.94	285
1975	9.80	-8.53	12.99	311	2975	16.55	-10.77	19.75	303	3975	28.00	-7.64	29.03	285
2000	10.18	-8.44	13.22	309	3000	17.17	-10.96	20.37	302	4000	28.14	-7.88	29.22	285
2025	10.61	-8.31	13.48	308	3025	17.85	-11.24	21.09	302	4025	27.83	-7.82	28.91	286

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1661 03/10/65, 1201Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4050	27.26	-7.33	28.23	285	5050	30.45	-6.24	31.08	281	6050	42.99	-9.37	44.00	282
4075	26.85	-6.69	27.67	284	5075	30.67	-6.19	31.28	281	6075	42.98	-9.02	43.92	282
4100	26.43	-5.91	27.08	282	5100	30.84	-6.50	31.52	282	6100	43.16	-8.84	44.05	281
4125	26.18	-5.33	26.72	281	5125	31.04	-6.62	31.74	282	6125	43.22	-9.34	44.22	282
4150	26.01	-4.84	26.46	280	5150	31.39	-6.83	32.12	282	6150	43.43	-9.25	44.41	282
4175	25.72	-4.29	26.07	279	5175	31.55	-7.15	32.35	283	6175	43.70	-8.92	44.60	281
4200	25.35	-3.66	25.61	278	5200	31.52	-7.51	32.41	283	6200	44.12	-8.72	44.97	281
4225	25.22	-3.26	25.43	277	5225	31.46	-7.94	32.44	284	6225	44.21	-9.02	45.12	281
4250	25.38	-3.00	25.55	277	5250	31.38	-7.83	32.34	284	6250	44.59	-9.09	45.51	281
4275	25.63	-2.96	25.80	276	5275	31.23	-7.88	32.21	284	6275	44.95	-9.29	45.90	281
4300	26.11	-3.04	26.29	276	5300	31.30	-7.94	32.29	284	6300	45.64	-9.77	46.67	282
4325	26.51	-3.07	26.69	276	5325	31.51	-7.95	32.50	284	6325	46.69	-10.10	47.77	282
4350	26.66	-3.08	26.84	276	5350	31.48	-7.87	32.45	284	6350	47.40	-10.36	48.52	282
4375	26.76	-3.14	26.94	277	5375	31.84	-7.37	32.69	283	6375	48.66	-10.19	49.71	282
4400	26.97	-3.16	27.16	277	5400	32.52	-7.42	33.36	283	6400	49.54	-9.40	50.42	281
4425	27.22	-3.18	27.40	276	5425	33.05	-7.68	33.94	283	6425	49.10	-8.38	49.81	280
4450	27.42	-3.35	27.62	277	5450	33.41	-7.52	34.24	283	6450	48.46	-7.50	49.03	279
4475	27.62	-3.51	27.84	277	5475	33.32	-8.08	34.28	283	6475	48.31	-6.70	48.77	278
4500	27.82	-3.68	28.06	277	5500	33.66	-8.79	34.79	284	6500	48.61	-6.33	49.02	277
4525	28.02	-3.84	28.28	278	5525	33.93	-8.79	35.05	284	6525	48.23	-5.44	48.54	276
4550	28.22	-4.01	28.51	278	5550	33.71	-8.68	34.81	284	6550	47.95	-4.31	48.14	275
4575	28.43	-4.17	28.73	278	5575	34.13	-9.01	35.30	285	6575	48.47	-4.18	48.65	275
4600	28.63	-4.34	28.95	278	5600	34.60	-9.55	35.90	285	6600	48.35	-4.37	48.55	275
4625	28.83	-4.51	29.18	279	5625	34.90	-9.82	36.25	286	6625	48.47	-4.75	48.70	275
4650	29.03	-4.67	29.40	279	5650	36.16	-10.24	37.58	286	6650	48.68	-4.80	48.91	275
4675	29.23	-4.84	29.63	279	5675	36.13	-10.13	37.52	285	6675	48.59	-4.70	48.81	275
4700	29.43	-5.00	29.86	279	5700	35.27	-9.56	36.54	285	6700	48.73	-4.71	48.96	275
4725	29.64	-5.17	30.08	280	5725	35.66	-9.60	36.93	285	6725	48.91	-4.98	49.17	276
4750	29.84	-5.33	30.31	280	5750	36.06	-9.53	37.30	285	6750	49.44	-5.24	49.72	276
4775	30.04	-5.50	30.54	280	5775	36.57	-9.81	37.86	285	6775	49.46	-5.49	49.77	276
4800	30.24	-5.67	30.77	280	5800	37.03	-9.86	38.32	285	6800	49.02	-5.07	49.28	276
4825	30.44	-5.83	31.00	281	5825	37.22	-9.80	38.49	285	6825	49.06	-5.09	49.32	276
4850	30.20	-5.77	30.74	281	5850	37.81	-10.09	39.13	285	6850	49.10	-5.52	49.41	276
4875	29.89	-6.06	30.50	281	5875	39.30	-9.98	40.55	284	6875	49.14	-5.55	49.46	276
4900	30.15	-6.46	30.83	282	5900	40.12	-9.49	41.23	283	6900	49.08	-6.03	49.45	277
4925	29.96	-6.71	30.70	282	5925	39.91	-9.13	40.94	283	6925	49.25	-6.46	49.67	277
4950	29.92	-6.43	30.60	282	5950	40.75	-9.50	41.84	283	6950	49.73	-6.83	50.20	278
4975	30.10	-5.45	30.59	280	5975	41.42	-9.53	42.51	283	6975	50.15	-6.36	50.55	277
5000	30.13	-4.94	30.53	279	6000	41.61	-9.15	42.60	282	7000	50.29	-6.19	50.67	277
5025	30.28	-5.64	30.80	280	6025	42.56	-8.99	43.50	282	7025	50.31	-6.54	50.73	277

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-44 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1661 03/10/65, 1201Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7050	50.57	-6.33	50.96	277	8050	54.53	-10.35	55.51	281	9050	52.89	-13.19	54.51	284
7075	51.01	-6.59	51.44	277	8075	54.29	-10.87	55.36	281	9075	53.02	-12.53	54.48	283
7100	51.82	-6.58	52.24	277	8100	53.99	-11.43	55.19	282	9100	53.01	-12.74	54.52	283
7125	52.36	-6.90	52.81	277	8125	54.42	-10.56	55.44	281	9125	53.26	-13.31	54.90	284
7150	52.67	-7.29	53.18	278	8150	54.07	-11.69	55.32	282	9150	53.39	-13.74	55.13	284
7175	52.93	-7.10	53.41	277	8175	53.72	-11.61	54.96	282	9175	53.50	-13.10	55.08	284
7200	53.43	-6.93	53.88	277	8200	53.62	-11.19	54.78	282	9200	53.46	-12.73	54.96	283
7225	55.32	-6.91	55.75	277	8225	53.41	-11.68	54.67	282	9225	53.33	-13.32	54.97	284
7250	55.67	-6.68	56.07	277	8250	53.77	-11.50	54.99	282	9250	53.64	-12.67	55.12	283
7275	53.43	-6.44	53.82	277	8275	54.09	-11.54	55.30	282	9275	53.41	-13.28	55.04	284
7300	52.43	-6.55	52.84	277	8300	54.02	-12.42	55.43	283	9300	53.43	-13.14	55.03	284
7325	52.47	-6.21	52.83	277	8325	54.15	-12.26	55.52	283	9325	53.56	-13.62	55.27	284
7350	52.30	-6.10	52.65	276	8350	54.23	-12.06	55.56	282	9350	53.94	-13.84	55.69	284
7375	52.07	-6.20	52.43	277	8375	54.28	-12.25	55.65	283	9375	53.99	-12.98	55.53	283
7400	52.93	-6.09	53.28	276	8400	54.25	-12.66	55.71	283	9400	53.20	-13.56	54.90	284
7425	53.87	-6.07	54.21	276	8425	54.20	-12.60	55.65	283	9425	53.04	-14.07	54.87	285
7450	53.92	-6.45	54.30	277	8450	53.95	-12.50	55.38	283	9450	53.03	-13.53	54.73	284
7475	54.25	-6.03	54.58	276	8475	53.80	-13.25	55.41	284	9475	53.58	-14.34	55.47	285
7500	54.01	-5.78	54.32	276	8500	54.29	-12.66	55.75	283	9500	53.93	-14.68	55.89	285
7525	54.08	-6.28	54.44	276	8525	54.00	-13.06	55.56	283	9525	53.71	-14.39	55.61	285
7550	53.61	-6.51	54.00	277	8550	53.58	-12.85	55.10	283	9550	53.35	-14.81	55.37	285
7575	52.60	-6.72	53.02	277	8575	53.74	-12.26	55.12	283	9575	54.34	-15.23	56.43	285
7600	52.56	-6.65	52.98	277	8600	53.57	-13.12	55.15	284	9600	54.62	-15.56	56.79	286
7625	52.40	-6.95	52.86	277	8625	53.65	-13.06	55.22	283	9625	53.38	-14.90	55.42	285
7650	53.06	-7.22	53.55	278	8650	53.67	-12.75	55.16	283	9650	53.10	-15.06	55.20	286
7675	53.28	-7.77	53.85	278	8675	53.56	-12.67	55.04	283	9675	52.59	-16.06	54.99	287
7700	53.00	-7.92	53.59	278	8700	53.35	-12.72	54.84	283	9700	52.84	-16.34	55.31	287
7725	53.20	-8.39	53.86	279	8725	53.07	-13.15	54.67	284	9725	53.66	-15.94	55.98	286
7750	53.36	-8.99	54.11	279	8750	53.23	-12.57	54.69	283	9750	53.94	-17.00	56.56	287
7775	53.50	-8.63	54.19	279	8775	52.99	-13.29	54.63	284	9775	53.48	-17.39	56.23	288
7800	53.60	-8.59	54.28	279	8800	53.28	-13.12	54.87	284	9800	53.05	-16.95	55.69	288
7825	53.90	-8.48	54.56	279	8825	53.26	-12.77	54.77	283	9825	53.12	-17.41	55.91	288
7850	53.83	-8.96	54.57	279	8850	52.71	-13.45	54.39	284	9850	53.25	-18.08	56.23	289
7875	53.60	-9.43	54.42	280	8875	52.56	-13.16	54.18	284	9875	53.36	-18.78	56.57	289
7900	53.70	-9.05	54.45	279	8900	52.64	-13.21	54.27	284	9900	54.47	-18.97	57.68	289
7925	53.88	-9.18	54.66	279	8925	52.92	-13.14	54.53	284	9925	54.28	-19.50	57.68	290
7950	54.04	-10.00	54.96	280	8950	52.80	-12.97	54.37	284	9950	52.84	-20.78	56.78	291
7975	54.05	-10.31	55.02	281	8975	52.67	-13.67	54.42	284	9975	53.33	-20.55	57.15	291
8000	54.54	-9.62	55.38	280	9000	52.80	-13.69	54.54	284	10000	53.57	-19.66	57.06	290
8025	54.69	-10.01	55.59	280	9025	52.78	-13.46	54.47	284	10025	52.60	-20.33	56.39	291

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1661 03/10/65, 1201Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10050	52.72	-21.10	56.79	292	11050	53.36	-29.24	60.85	299	12050	53.36	-45.09	69.86	310
10075	52.76	-21.13	56.83	292	11075	53.29	-29.29	60.80	299	12075	52.33	-44.33	68.59	310
10100	51.86	-22.42	56.50	293	11100	53.16	-29.26	60.68	299	12100	53.22	-43.25	68.58	309
10125	51.95	-22.60	56.65	293	11125	52.50	-30.63	60.78	300	12125	53.22	-43.71	68.87	309
10150	52.27	-22.05	56.73	293	11150	52.37	-31.60	61.17	301	12150	51.98	-43.78	67.96	310
10175	52.99	-23.29	57.88	294	11175	53.04	-30.13	61.00	299	12175	51.63	-43.12	67.27	310
10200	53.23	-23.60	58.23	294	11200	52.78	-30.45	60.93	300	12200	51.56	-41.17	65.98	308
10225	52.71	-23.83	57.85	294	11225	52.54	-31.73	61.38	301	12225	51.33	-42.07	66.37	309
10250	53.36	-23.98	58.50	294	11250	52.97	-30.65	61.20	300	12250	50.88	-42.06	66.01	309
10275	54.06	-24.63	59.41	294	11275	52.95	-30.79	61.25	300	12275	50.86	-41.22	65.47	309
10300	53.34	-24.83	58.84	295	11300	52.84	-31.23	61.38	300	12300	50.51	-41.42	65.33	309
10325	52.99	-23.97	58.16	294	11325	52.85	-31.85	61.71	301	12325	50.06	-40.60	64.46	309
10350	52.84	-24.61	58.29	295	11350	52.59	-33.37	62.29	302	12350	49.68	-39.92	63.73	309
10375	52.54	-25.51	58.41	296	11375	54.73	-33.31	64.07	301	12375	49.73	-38.38	62.82	307
10400	52.33	-24.11	57.62	295	11400	55.49	-32.83	64.48	300	12400	49.52	-37.43	62.07	307
10425	52.35	-24.61	57.84	295	11425	53.36	-34.31	63.44	303	12425	49.39	-35.81	61.00	306
10450	52.87	-24.71	58.36	295	11450	52.97	-34.90	63.44	303	12450	49.48	-35.80	61.07	306
10475	52.72	-24.54	58.16	295	11475	53.12	-34.35	63.25	303	12475	49.99	-33.89	60.40	304
10500	52.15	-24.92	57.80	295	11500	53.12	-34.66	63.43	303	12500	48.79	-32.68	58.72	304
10525	52.54	-24.66	58.04	295	11525	53.23	-35.79	64.14	304	12525	48.13	-33.79	58.81	305
10550	52.72	-24.87	58.29	295	11550	53.51	-36.30	64.66	304	12550	47.83	-32.66	57.92	304
10575	52.83	-25.43	58.63	296	11575	53.56	-36.26	64.68	304	12575	49.08	-29.90	57.47	301
10600	53.29	-25.94	59.26	296	11600	53.92	-35.71	64.68	303	12600	48.39	-30.80	57.36	302
10625	53.62	-27.14	60.10	297	11625	54.16	-35.32	64.66	303	12625	47.31	-30.44	56.26	303
10650	53.53	-27.55	60.20	297	11650	54.15	-35.68	64.85	303	12650	47.67	-28.94	55.77	301
10675	53.58	-25.61	59.39	295	11675	54.02	-37.38	65.70	305	12675	46.91	-29.74	55.54	302
10700	54.06	-26.60	60.24	296	11700	54.25	-38.02	66.25	305	12700	48.15	-25.38	54.43	298
10725	53.85	-28.39	60.88	298	11725	54.50	-38.70	66.84	305	12725	48.11	-24.00	53.76	296
10750	53.19	-29.29	60.72	299	11750	54.93	-38.28	66.95	305	12750	47.14	-25.50	53.60	298
10775	53.31	-27.87	60.16	297	11775	54.38	-39.54	67.24	306	12775	47.86	-22.61	52.93	295
10800	53.77	-27.55	60.42	297	11800	53.30	-41.68	67.66	308	12800	48.49	-21.68	53.12	294
10825	53.69	-28.30	60.69	298	11825	53.95	-40.65	67.55	307	12825	48.69	-21.64	53.29	294
10850	53.60	-28.69	60.79	298	11850	54.45	-40.85	68.07	307	12850	48.78	-21.24	53.20	293
10875	54.14	-28.43	61.14	298	11875	54.49	-41.47	68.48	307	12875	48.83	-20.84	53.10	293
10900	53.95	-29.01	61.26	298	11900	53.91	-43.01	68.96	308	12900	48.91	-19.62	52.70	292
10925	53.54	-28.66	60.73	298	11925	54.23	-41.91	68.54	308	12925	47.76	-19.78	51.70	292
10950	53.10	-29.16	60.58	299	11950	54.18	-42.95	69.14	308	12950	46.49	-21.19	51.09	294
10975	53.34	-30.33	61.36	299	11975	54.09	-43.87	69.64	309	12975	49.16	-16.92	51.99	289
11000	53.81	-28.58	60.93	298	12000	54.40	-42.76	69.19	308	13000	49.57	-17.60	52.60	289
11025	53.75	-27.86	60.54	297	12025	53.97	-44.26	69.80	309	13025	49.67	-17.27	52.59	289

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-44 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1661 03/10/65, 1201Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13050	49.77	-16.94	52.57	289										
13075	49.60	-15.40	51.94	287										
13100	49.02	-14.85	51.22	287										
13125	49.14	-15.62	51.56	287										
13150	49.20	-16.05	51.75	288										
13175	50.35	-12.84	51.96	284										
13200	50.81	-12.01	52.21	283										
13225	50.87	-10.80	52.01	282										
13250	50.28	-10.73	51.41	282										
13275	50.89	-10.01	51.86	281										
13300	51.25	-8.56	51.96	279										
13325	50.07	-10.02	51.06	281										
13350	50.92	-8.30	51.59	279										
13375	50.86	-9.36	51.72	280										
13400	51.09	-7.83	51.69	279										
13425	51.51	-6.34	51.90	277										
13450	52.11	-6.99	52.58	277										
13475	53.12	-4.68	53.32	275										
13500	54.58	-7.14	55.04	277										
13525	55.21	-8.54	55.87	279										
13550	55.91	-8.59	56.56	279										
13575	57.04	-10.43	57.99	280										
13600	57.74	-10.42	58.67	280										
13625	58.36	-12.14	59.61	282										
13650	59.46	-14.66	61.24	284										
13675	60.23	-14.03	61.84	283										
13700	59.45	-17.46	61.97	286										
13725	59.65	-17.00	62.02	286										
13750	58.45	-16.84	60.82	286										
13775	57.16	-16.75	59.57	286										
13800	56.39	-16.27	58.69	286										
13825	55.31	-17.24	57.94	287										
13850	54.81	-15.46	56.95	286										
13875	53.80	-14.96	55.84	285										
13900	53.57	-15.22	55.69	286										
13925	53.33	-15.48	55.53	286										
13950	52.66	-16.57	55.21	287										
13975	53.17	-15.90	55.50	286										
14000	52.57	-17.02	55.26	288										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-45

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1706 03/10/65, 1925Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1700	13.29	-2.26	13.48	279	2700	19.30	2.34	19.44	263	3700	23.11	-5.22	23.69	283
1725	12.95	-2.62	13.21	281	2725	19.19	2.07	19.30	264	3725	22.87	-5.73	23.57	284
1750	13.00	-2.48	13.24	281	2750	19.17	1.79	19.25	264	3750	22.73	-6.31	23.59	285
1775	13.28	-1.89	13.41	278	2775	19.47	1.51	19.53	265	3775	23.05	-7.07	24.11	287
1800	13.63	-1.40	13.70	276	2800	19.68	1.11	19.72	267	3800	23.28	-7.73	24.53	288
1825	13.69	-1.21	13.75	275	2825	19.84	0.77	19.86	268	3825	23.65	-7.77	24.90	288
1850	13.74	-0.92	13.77	274	2850	20.00	0.45	20.01	269	3850	24.10	-7.53	25.25	287
1875	13.83	-0.61	13.84	272	2875	19.84	-0.09	19.84	270	3875	24.65	-7.02	25.63	286
1900	13.70	-0.76	13.72	273	2900	19.66	-0.63	19.67	272	3900	25.29	-6.29	26.06	284
1925	13.04	-1.22	13.10	275	2925	19.95	-1.00	19.98	273	3925	25.71	-5.70	26.34	282
1950	12.75	-1.70	12.86	277	2950	20.13	-1.45	20.18	274	3950	26.55	-5.31	27.08	281
1975	12.89	-1.82	13.02	278	2975	20.33	-1.63	20.40	274	3975	27.42	-5.01	27.88	280
2000	12.79	-1.63	12.89	277	3000	20.43	-1.62	20.49	274	4000	27.95	-4.62	28.32	279
2025	12.48	-1.71	12.60	278	3025	20.46	-1.52	20.52	274	4025	28.77	-4.45	29.12	279
2050	12.33	-2.03	12.49	279	3050	20.90	-1.31	20.94	273	4050	29.43	-4.36	29.75	278
2075	12.52	-2.44	12.75	281	3075	21.29	-1.10	21.32	273	4075	29.44	-4.33	29.76	278
2100	12.80	-2.73	13.09	282	3100	21.82	-0.57	21.83	271	4100	29.63	-4.30	29.94	278
2125	12.89	-2.85	13.20	282	3125	22.26	-0.11	22.26	270	4125	29.97	-4.07	30.24	278
2150	12.91	-2.84	13.22	282	3150	22.39	0.25	22.39	269	4150	30.06	-4.09	30.34	278
2175	12.99	-2.70	13.27	282	3175	22.69	0.04	22.69	270	4175	30.04	-4.16	30.33	278
2200	13.02	-2.61	13.27	281	3200	23.03	-0.46	23.04	271	4200	30.13	-3.88	30.38	277
2225	13.18	-2.49	13.42	281	3225	23.17	-0.73	23.18	272	4225	30.29	-3.81	30.53	277
2250	13.49	-2.39	13.70	280	3250	22.97	-0.94	22.99	272	4250	30.26	-3.80	30.50	277
2275	13.72	-2.14	13.88	279	3275	22.46	-1.10	22.49	273	4275	29.90	-3.78	30.14	277
2300	13.64	-1.74	13.75	277	3300	22.36	-1.57	22.42	274	4300	29.61	-3.72	29.84	277
2325	13.51	-1.55	13.60	276	3325	22.73	-2.05	22.83	275	4325	29.54	-3.98	29.81	278
2350	13.91	-1.48	13.99	276	3350	23.02	-2.07	23.12	275	4350	29.21	-4.47	29.55	279
2375	14.25	-1.36	14.32	275	3375	23.23	-2.20	23.34	275	4375	28.95	-4.64	29.32	279
2400	14.55	-1.12	14.60	274	3400	23.47	-2.54	23.61	276	4400	28.90	-4.91	29.32	279
2425	15.05	-0.67	15.07	272	3425	23.73	-3.09	23.93	277	4425	28.68	-5.13	29.14	280
2450	15.23	-0.23	15.23	271	3450	23.91	-3.48	24.16	278	4450	28.75	-5.53	29.28	281
2475	15.64	0.01	15.64	270	3475	24.12	-3.53	24.38	278	4475	28.47	-5.73	29.04	281
2500	16.14	0.30	16.15	269	3500	24.54	-3.76	24.82	279	4500	28.10	-6.13	28.76	282
2525	16.59	0.61	16.60	268	3525	24.93	-4.10	25.27	279	4525	28.35	-6.90	29.18	284
2550	16.97	1.08	17.01	266	3550	24.71	-4.21	25.06	280	4550	28.68	-7.52	29.65	285
2575	17.29	1.57	17.36	265	3575	24.39	-4.16	24.74	280	4575	29.12	-7.96	30.19	285
2600	17.78	2.03	17.89	263	3600	24.14	-4.25	24.51	280	4600	29.51	-8.21	30.63	285
2625	18.21	2.28	18.36	263	3625	23.85	-4.43	24.26	280	4625	30.15	-8.84	31.42	286
2650	18.58	2.29	18.72	263	3650	23.62	-4.43	24.03	280	4650	30.88	-9.40	32.28	287
2675	18.98	2.40	19.14	263	3675	23.32	-4.71	23.79	281	4675	31.43	-9.56	32.86	287

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1706 03/10/65, 1925Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4700	31.97	-9.85	33.45	287	5700	36.90	-1.55	36.93	272	6700	42.03	-11.34	43.53	285
4725	32.15	-10.09	33.70	287	5725	36.97	-2.13	37.03	273	6725	42.74	-11.02	44.14	284
4750	32.09	-9.80	33.56	287	5750	37.18	-2.39	37.25	273	6750	43.33	-11.08	44.72	284
4775	32.40	-9.17	33.67	286	5775	37.13	-2.85	37.24	274	6775	43.63	-11.27	45.07	284
4800	32.86	-9.21	34.13	285	5800	37.28	-3.39	37.43	275	6800	44.35	-11.43	45.80	284
4825	33.24	-9.17	34.48	285	5825	37.19	-3.70	37.37	276	6825	44.83	-11.41	46.26	284
4850	33.69	-8.70	34.79	284	5850	37.08	-4.06	37.30	276	6850	45.19	-11.75	46.70	284
4875	34.48	-8.38	35.48	283	5875	37.17	-4.14	37.39	276	6875	45.84	-11.53	47.27	284
4900	34.68	-8.27	35.66	283	5900	36.85	-4.19	37.09	276	6900	46.30	-11.11	47.62	283
4925	34.67	-8.07	35.60	283	5925	36.88	-4.51	37.15	277	6925	46.55	-11.19	47.87	283
4950	35.24	-7.00	35.93	281	5950	37.05	-5.06	37.39	278	6950	46.96	-11.02	48.24	283
4975	35.58	-6.18	36.11	280	5975	37.17	-5.55	37.58	278	6975	47.51	-11.13	48.79	283
5000	35.73	-5.92	36.22	279	6000	37.16	-6.22	37.68	279	7000	48.10	-10.93	49.32	283
5025	35.44	-5.71	35.90	279	6025	37.22	-6.68	37.82	280	7025	48.63	-10.18	49.68	282
5050	35.48	-5.37	35.89	278	6050	37.17	-6.99	37.82	280	7050	49.19	-9.46	50.09	281
5075	35.76	-5.09	36.12	278	6075	36.84	-7.40	37.58	281	7075	49.76	-8.84	50.54	280
5100	35.72	-5.08	36.08	278	6100	36.70	-7.70	37.50	282	7100	50.14	-8.53	50.86	279
5125	35.66	-5.38	36.06	278	6125	36.79	-8.25	37.70	282	7125	50.70	-8.01	51.33	279
5150	35.42	-5.58	35.86	279	6150	36.95	-9.04	38.03	284	7150	50.94	-7.69	51.52	278
5175	35.29	-5.69	35.74	279	6175	37.05	-9.53	38.26	284	7175	50.99	-7.73	51.57	278
5200	35.21	-5.57	35.65	279	6200	37.13	-9.58	38.34	284	7200	51.18	-7.68	51.75	278
5225	35.26	-5.55	35.69	279	6225	37.04	-9.69	38.28	284	7225	51.17	-7.26	51.68	278
5250	35.60	-5.48	36.01	279	6250	36.68	-10.23	38.08	285	7250	51.09	-6.96	51.57	278
5275	35.73	-4.95	36.07	278	6275	36.81	-10.77	38.35	286	7275	51.00	-6.72	51.45	277
5300	35.70	-4.56	35.99	277	6300	37.11	-11.03	38.72	286	7300	50.75	-6.47	51.17	277
5325	35.91	-4.11	36.15	276	6325	37.22	-11.66	39.00	287	7325	50.51	-6.69	50.95	277
5350	36.09	-3.50	36.26	275	6350	37.32	-12.01	39.20	288	7350	50.51	-6.49	50.92	277
5375	36.22	-3.37	36.38	275	6375	37.40	-11.95	39.26	288	7375	50.54	-6.02	50.90	277
5400	36.57	-3.39	36.72	275	6400	37.61	-12.11	39.51	288	7400	50.57	-5.73	50.89	276
5425	36.84	-3.05	36.97	275	6425	38.07	-11.99	39.91	287	7425	50.66	-5.38	50.95	276
5450	37.10	-3.16	37.24	275	6450	38.44	-11.72	40.18	287	7450	50.33	-5.18	50.60	276
5475	37.43	-3.43	37.59	275	6475	38.56	-11.60	40.27	287	7475	50.43	-5.17	50.70	276
5500	37.79	-2.93	37.90	274	6500	38.89	-11.75	40.62	287	7500	50.71	-5.04	50.96	276
5525	37.96	-2.30	38.03	273	6525	39.31	-12.00	41.10	287	7525	50.65	-4.80	50.88	275
5550	37.68	-1.81	37.73	273	6550	39.40	-12.13	41.22	287	7550	50.62	-4.70	50.83	275
5575	37.45	-1.60	37.49	272	6575	39.63	-12.11	41.44	287	7575	50.53	-4.58	50.74	275
5600	37.36	-1.26	37.38	272	6600	40.30	-11.80	41.99	286	7600	50.68	-4.74	50.90	275
5625	37.26	-0.82	37.27	271	6625	40.63	-11.39	42.19	285	7625	50.78	-4.66	50.99	275
5650	37.19	-0.50	37.19	271	6650	40.72	-11.16	42.22	285	7650	50.61	-4.72	50.83	275
5675	37.03	-0.72	37.04	271	6675	41.39	-11.46	42.95	285	7675	50.63	-5.10	50.88	276

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-45 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1706 03/10/65, 1925Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7700	50.84	-5.16	51.10	276	8700	53.01	-8.67	53.71	279	9700	53.19	-8.83	53.92	279
7725	50.59	-5.45	50.88	276	8725	52.95	-9.11	53.72	280	9725	52.85	-9.20	53.64	280
7750	50.35	-5.43	50.64	276	8750	53.04	-9.44	53.87	280	9750	53.00	-8.81	53.73	279
7775	50.54	-5.48	50.84	276	8775	53.17	-9.81	54.06	280	9775	53.15	-8.43	53.82	279
7800	50.27	-5.67	50.59	276	8800	53.41	-9.89	54.32	280	9800	53.21	-8.76	53.92	279
7825	49.98	-5.98	50.34	277	8825	53.56	-9.77	54.44	280	9825	53.18	-9.93	54.10	280
7850	50.11	-6.28	50.50	277	8850	53.38	-10.17	54.34	281	9850	53.41	-8.99	54.16	279
7875	50.08	-6.70	50.53	277	8875	53.93	-10.20	54.88	281	9875	53.60	-8.57	54.28	279
7900	50.17	-7.67	50.75	279	8900	53.99	-9.95	54.90	280	9900	53.51	-9.07	54.27	279
7925	50.82	-8.15	51.47	279	8925	53.41	-10.49	54.43	281	9925	53.10	-9.25	53.90	280
7950	51.23	-8.84	51.98	280	8950	54.14	-10.29	55.11	281	9950	54.65	-8.97	55.38	279
7975	51.11	-9.48	51.98	280	8975	54.29	-10.06	55.21	280	9975	54.72	-8.63	55.39	279
8000	51.17	-9.80	52.10	281	9000	54.26	-10.11	55.20	280	10000	53.15	-8.36	53.80	279
8025	51.73	-10.02	52.69	281	9025	54.12	-9.69	54.98	280	10025	53.66	-8.59	54.35	279
8050	51.66	-9.89	52.59	281	9050	54.21	-10.17	55.16	280	10050	53.85	-8.59	54.53	279
8075	51.24	-9.14	52.05	280	9075	54.46	-10.29	55.42	281	10075	53.70	-8.39	54.35	279
8100	51.23	-9.11	52.04	280	9100	54.44	-10.02	55.36	280	10100	53.75	-8.26	54.38	279
8125	50.82	-9.43	51.69	280	9125	54.40	-10.56	55.42	281	10125	53.56	-8.45	54.22	279
8150	50.90	-8.95	51.68	280	9150	54.25	-10.71	55.30	281	10150	53.72	-8.58	54.40	279
8175	50.87	-8.43	51.56	279	9175	54.12	-10.63	55.15	281	10175	53.87	-8.49	54.54	279
8200	51.11	-8.37	51.79	279	9200	54.03	-10.93	55.13	281	10200	53.68	-8.73	54.39	279
8225	51.35	-8.37	52.02	279	9225	53.82	-10.75	54.88	281	10225	53.77	-8.76	54.47	279
8250	51.36	-7.83	51.95	278	9250	54.07	-10.80	55.14	281	10250	53.57	-8.77	54.28	279
8275	51.56	-8.20	52.20	279	9275	54.11	-11.09	55.23	281	10275	53.81	-9.06	54.56	279
8300	51.84	-8.84	52.59	279	9300	54.17	-10.94	55.26	281	10300	53.92	-8.66	54.61	279
8325	52.21	-8.29	52.87	279	9325	54.02	-10.77	55.08	281	10325	53.55	-8.24	54.18	279
8350	52.12	-7.91	52.72	278	9350	53.74	-10.86	54.83	281	10350	53.60	-8.61	54.28	279
8375	52.18	-7.23	52.68	278	9375	53.97	-10.61	55.00	281	10375	53.68	-8.20	54.30	279
8400	52.23	-7.02	52.70	277	9400	53.93	-10.69	54.98	281	10400	53.94	-8.69	54.63	279
8425	52.23	-7.07	52.71	278	9425	54.01	-10.79	55.08	281	10425	53.86	-8.77	54.57	279
8450	52.30	-6.68	52.73	277	9450	54.11	-10.27	55.07	281	10450	53.66	-8.13	54.28	278
8475	52.20	-6.84	52.65	277	9475	53.84	-9.94	54.75	280	10475	54.21	-8.33	54.85	279
8500	52.41	-7.28	52.91	278	9500	53.63	-9.84	54.53	280	10500	54.52	-8.34	55.15	279
8525	52.56	-6.63	52.98	277	9525	53.74	-9.84	54.64	280	10525	54.48	-8.46	55.13	279
8550	52.49	-6.60	52.90	277	9550	53.56	-9.72	54.44	280	10550	53.98	-8.30	54.62	279
8575	52.76	-6.78	53.20	277	9575	53.34	-9.92	54.25	280	10575	54.37	-8.38	55.01	279
8600	52.84	-6.92	53.29	277	9600	53.62	-9.91	54.53	280	10600	54.25	-8.79	54.96	279
8625	52.53	-7.65	53.08	278	9625	53.58	-9.45	54.40	280	10625	53.95	-8.59	54.63	279
8650	52.46	-8.11	53.09	279	9650	53.34	-9.34	54.15	280	10650	54.39	-8.21	55.01	278
8675	52.87	-8.49	53.55	279	9675	53.34	-9.32	54.14	280	10675	54.42	-8.53	55.09	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1706 03/10/65, 1925Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10700	54.42	-8.63	55.10	279	11700	55.17	-2.94	55.25	273	12700	63.35	-4.60	63.52	274
10725	54.63	-8.57	55.29	279	11725	54.61	-4.04	54.76	274	12725	63.29	-4.59	63.45	274
10750	54.36	-8.95	55.09	279	11750	54.78	-4.82	54.99	275	12750	63.29	-5.03	63.49	274
10775	54.49	-8.60	55.16	279	11775	55.42	-3.32	55.52	273	12775	62.97	-6.00	63.26	275
10800	54.59	-8.48	55.24	279	11800	55.56	-2.58	55.62	272	12800	61.98	-6.82	62.35	276
10825	54.10	-8.76	54.80	279	11825	55.05	-3.14	55.14	273	12825	62.25	-4.59	62.42	274
10850	54.72	-8.72	55.41	279	11850	55.20	-3.04	55.28	273	12850	62.16	-3.88	62.28	273
10875	54.87	-8.55	55.54	279	11875	55.67	-1.72	55.70	272	12875	61.74	-3.08	61.82	273
10900	54.56	-8.42	55.21	279	11900	55.56	-2.59	55.62	272	12900	61.71	-2.64	61.76	272
10925	54.68	-8.76	55.38	279	11925	55.11	-4.76	55.32	275	12925	61.72	-3.57	61.82	273
10950	54.80	-8.46	55.45	279	11950	55.33	-1.30	55.34	271	12950	61.24	-4.26	61.39	274
10975	54.75	-8.46	55.40	279	11975	55.29	-1.22	55.30	271	12975	61.63	-4.48	61.79	274
11000	54.35	-8.43	55.00	279	12000	55.15	-0.97	55.16	271	13000	61.93	-4.63	62.10	274
11025	54.80	-8.60	55.47	279	12025	55.15	-0.91	55.15	271	13025	61.80	-4.92	62.00	274
11050	54.82	-8.74	55.51	279	12050	56.53	-1.61	56.56	271	13050	61.59	-6.21	61.90	276
11075	54.27	-8.06	54.86	278	12075	57.21	-0.44	57.21	270	13075	61.93	-6.22	62.24	276
11100	54.16	-8.37	54.80	279	12100	57.59	-1.18	57.60	271	13100	61.97	-6.29	62.29	276
11125	53.43	-8.60	54.12	279	12125	58.10	-2.32	58.15	272	13125	61.43	-7.53	61.89	277
11150	53.70	-8.28	54.34	279	12150	58.45	-2.85	58.52	273	13150	61.57	-7.74	62.06	277
11175	53.73	-8.43	54.39	279	12175	59.39	-4.32	59.54	274	13175	61.65	-8.31	62.20	277
11200	53.34	-9.00	54.09	279	12200	60.60	-2.85	60.66	273	13200	61.48	-7.43	61.93	277
11225	53.61	-8.31	54.25	279	12225	62.12	-1.88	62.15	272	13225	61.15	-4.52	61.32	274
11250	53.81	-7.42	54.32	278	12250	62.89	-1.26	62.91	271	13250	61.11	-7.95	61.63	277
11275	53.99	-7.46	54.51	278	12275	63.90	-0.94	63.91	271	13275	60.63	-7.77	61.12	277
11300	54.03	-7.26	54.52	277	12300	63.98	-0.91	63.98	271	13300	59.41	-6.56	59.77	276
11325	54.04	-7.40	54.54	278	12325	63.94	-0.80	63.95	271	13325	58.79	-7.53	59.27	277
11350	54.25	-7.04	54.70	277	12350	63.97	-1.42	63.99	271	13350	58.10	-6.04	58.42	276
11375	54.25	-6.33	54.62	276	12375	64.36	-1.19	64.37	271	13375	57.76	-6.56	58.13	276
11400	54.03	-7.28	54.52	277	12400	64.48	-1.61	64.50	271	13400	57.63	-5.09	57.86	275
11425	54.69	-6.84	55.12	277	12425	64.48	-0.95	64.49	271	13425	57.36	-4.65	57.55	274
11450	55.27	-6.28	55.62	276	12450	64.51	-0.93	64.52	271	13450	56.69	-4.99	56.91	275
11475	55.15	-7.39	55.64	277	12475	64.66	-1.62	64.68	271	13475	56.15	-4.32	56.31	274
11500	55.15	-6.77	55.56	277	12500	64.61	-1.75	64.63	271	13500	54.75	-5.86	55.06	276
11525	55.13	-6.15	55.47	276	12525	65.06	-2.26	65.10	272	13525	54.53	-4.38	54.71	274
11550	54.67	-5.76	54.98	276	12550	65.19	-2.30	65.23	272	13550	54.47	-4.26	54.64	274
11575	54.41	-5.65	54.70	276	12575	65.48	-3.36	65.57	273	13575	54.07	-5.40	54.34	276
11600	55.00	-5.99	55.32	276	12600	65.55	-2.82	65.61	272	13600	53.70	-5.26	53.96	275
11625	54.85	-5.74	55.15	276	12625	65.15	-2.84	65.21	272	13625	53.47	-5.02	53.71	275
11650	54.57	-5.63	54.86	276	12650	64.94	-3.92	65.06	273	13650	53.50	-4.95	53.73	275
11675	55.21	-3.90	55.35	274	12675	64.31	-4.43	64.46	274	13675	53.12	-5.13	53.37	275

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-45 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1706 03/10/65, 1925Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13700	52.55	-5.26	52.81	276	14700	56.79	-4.36	56.96	274					
13725	52.07	-4.69	52.28	275	14725	56.47	-5.66	56.75	276					
13750	52.38	-3.77	52.52	274	14750	56.36	-4.71	56.56	275					
13775	52.42	-2.72	52.49	273	14775	56.65	-4.40	56.82	274					
13800	52.85	-3.17	52.95	273	14800	56.23	-4.32	56.39	274					
13825	53.17	-3.29	53.27	273	14825	55.54	-5.04	55.77	275					
13850	53.27	-2.61	53.34	273	14850	55.97	-5.78	56.27	276					
13875	53.41	-2.12	53.45	272	14875	55.74	-6.57	56.13	277					
13900	53.66	-1.39	53.68	271	14900	54.19	-7.81	54.75	278					
13925	53.75	-0.83	53.76	271	14925	54.63	-3.31	54.73	273					
13950	54.05	-2.49	54.11	272	14950	54.75	-4.29	54.91	274					
13975	54.05	-2.63	54.11	273	14975	54.92	-6.27	55.28	276					
14000	53.77	-0.53	53.77	270	15000	55.12	-5.38	55.38	275					
14025	54.22	-1.19	54.23	271										
14050	54.31	-0.51	54.31	270										
14075	54.64	-2.91	54.72	273										
14100	55.05	-3.02	55.13	273										
14125	55.68	-0.08	55.68	270										
14150	55.70	-0.98	55.71	271										
14175	56.03	-1.53	56.05	271										
14200	56.65	1.10	56.66	269										
14225	56.49	0.33	56.49	269										
14250	57.51	-1.61	57.53	271										
14275	57.83	0.67	57.83	269										
14300	57.47	0.47	57.47	269										
14325	57.26	-1.15	57.27	271										
14350	57.92	-0.39	57.92	270										
14375	58.16	0.86	58.17	269										
14400	58.16	-1.01	58.17	271										
14425	58.17	-2.14	58.21	272										
14450	58.07	-1.98	58.11	272										
14475	58.17	-1.91	58.21	272										
14500	57.98	-0.27	57.98	270										
14525	57.00	-1.10	57.01	271										
14550	56.47	-2.65	56.53	273										
14575	56.39	-1.47	56.41	271										
14600	56.80	-2.84	56.87	273										
14625	56.80	-4.28	56.96	274										
14650	56.54	-3.98	56.68	274										
14675	56.66	-3.34	56.75	273										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-46

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1735 03/10/65, 2046Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	9.22	-0.64	9.25	274	1200	9.43	1.12	9.50	263	2200	13.54	0.53	13.55	268
225	9.18	-0.75	9.21	275	1225	9.38	1.13	9.45	263	2225	14.33	0.19	14.33	269
250	8.87	-0.63	8.89	274	1250	9.07	1.12	9.14	263	2250	15.23	-0.15	15.23	270
275	8.77	-0.69	8.79	274	1275	9.10	1.08	9.16	263	2275	15.90	-0.38	15.91	271
300	8.52	-0.78	8.55	275	1300	9.17	1.05	9.23	263	2300	16.55	-0.49	16.56	272
325	8.62	-0.74	8.65	275	1325	9.13	1.00	9.19	264	2325	17.08	-0.55	17.09	272
350	9.03	-0.65	9.06	274	1350	9.33	0.94	9.37	264	2350	17.28	-0.91	17.31	273
375	8.93	-0.40	8.94	272	1375	9.38	0.85	9.42	265	2375	17.25	-1.42	17.31	275
400	9.04	-0.42	9.05	272	1400	9.30	0.82	9.34	265	2400	17.23	-1.72	17.32	276
425	8.99	-0.40	9.00	272	1425	9.26	0.82	9.29	265	2425	17.34	-2.03	17.46	276
450	8.81	-0.10	8.81	270	1450	9.11	0.84	9.14	265	2450	17.37	-2.26	17.51	277
475	8.88	0.36	8.88	268	1475	9.05	0.77	9.08	265	2475	17.37	-2.34	17.53	277
500	8.73	0.64	8.75	266	1500	9.10	0.82	9.13	265	2500	17.44	-2.55	17.63	278
525	8.58	0.42	8.59	267	1525	9.15	0.87	9.19	264	2525	17.76	-2.86	17.99	279
550	8.98	0.43	8.99	267	1550	9.12	0.72	9.15	265	2550	18.05	-3.14	18.32	280
575	9.37	0.55	9.38	266	1575	9.14	0.76	9.17	265	2575	18.05	-3.34	18.36	280
600	8.96	0.14	8.97	269	1600	9.17	0.99	9.22	264	2600	18.32	-3.34	18.62	280
625	8.44	-0.09	8.44	270	1625	9.13	0.93	9.18	264	2625	18.66	-3.04	18.90	279
650	8.33	-0.08	8.33	270	1650	9.18	0.81	9.22	265	2650	18.90	-2.80	19.10	278
675	8.31	-0.11	8.31	271	1675	9.35	0.78	9.39	265	2675	19.39	-2.56	19.56	277
700	8.14	0.05	8.14	269	1700	9.58	0.67	9.60	266	2700	19.65	-2.31	19.79	277
725	7.98	0.34	7.99	267	1725	9.89	0.70	9.92	266	2725	19.85	-1.99	19.95	276
750	8.02	0.55	8.04	266	1750	10.35	0.61	10.36	266	2750	20.36	-1.85	20.44	275
775	8.39	0.68	8.42	265	1775	10.42	0.35	10.42	268	2775	20.82	-2.05	20.92	275
800	8.71	0.75	8.75	265	1800	10.41	0.29	10.42	268	2800	21.32	-2.26	21.44	276
825	9.00	0.62	9.03	266	1825	10.79	0.47	10.80	267	2825	21.89	-2.26	22.00	276
850	9.23	0.65	9.25	266	1850	10.87	0.71	10.89	266	2850	22.43	-2.18	22.54	275
875	9.01	0.70	9.04	265	1875	10.35	0.83	10.38	265	2875	22.95	-2.18	23.05	275
900	8.85	0.59	8.87	266	1900	10.42	0.87	10.45	265	2900	23.18	-2.09	23.28	275
925	9.02	0.56	9.04	266	1925	10.84	0.89	10.88	265	2925	23.43	-2.03	23.52	275
950	9.03	0.63	9.05	266	1950	10.76	1.01	10.81	264	2950	23.86	-2.14	23.96	275
975	8.90	0.49	8.92	267	1975	10.86	1.20	10.93	264	2975	24.37	-2.20	24.47	275
1000	8.82	0.26	8.82	268	2000	11.11	1.49	11.21	262	3000	24.75	-2.19	24.85	275
1025	9.06	0.33	9.07	268	2025	11.65	1.65	11.77	262	3025	25.04	-2.11	25.13	275
1050	9.12	0.49	9.13	267	2050	12.41	1.68	12.53	262	3050	25.43	-2.14	25.52	275
1075	9.00	0.53	9.02	266	2075	12.65	1.81	12.78	262	3075	25.94	-2.40	26.05	275
1100	9.02	0.63	9.04	266	2100	12.35	1.78	12.47	262	3100	26.50	-2.74	26.64	276
1125	8.86	0.68	8.89	265	2125	12.37	1.43	12.46	263	3125	26.60	-3.12	26.78	277
1150	8.98	0.60	9.00	266	2150	12.95	1.05	12.99	265	3150	26.33	-3.59	26.58	278
1175	9.22	0.87	9.26	264	2175	13.24	0.80	13.26	266	3175	26.17	-4.01	26.47	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1735 03/10/65, 2046Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	26.06	-4.40	26.42	279	4200	27.41	-8.33	28.65	287	5200	38.02	-11.30	39.66	286
3225	25.70	-4.86	26.16	281	4225	27.67	-8.89	29.06	288	5225	38.67	-11.10	40.23	286
3250	25.10	-5.22	25.64	282	4250	28.12	-8.67	29.42	287	5250	39.15	-11.23	40.73	286
3275	24.64	-5.64	25.28	283	4275	28.44	-7.78	29.48	285	5275	39.52	-11.89	41.27	287
3300	24.23	-6.10	24.99	284	4300	28.77	-7.05	29.62	284	5300	39.73	-12.46	41.64	287
3325	23.56	-6.45	24.42	285	4325	29.03	-6.84	29.83	283	5325	39.89	-13.05	41.97	288
3350	23.63	-6.58	24.52	285	4350	29.16	-7.13	30.02	284	5350	39.88	-13.17	42.00	288
3375	24.41	-6.48	25.26	285	4375	29.42	-7.78	30.43	285	5375	39.66	-12.87	41.69	288
3400	25.24	-6.38	26.03	284	4400	29.74	-8.47	30.92	286	5400	39.70	-12.81	41.72	288
3425	25.72	-6.24	26.47	283	4425	30.09	-8.99	31.41	286	5425	39.71	-13.01	41.79	288
3450	26.14	-6.06	26.84	283	4450	30.11	-9.44	31.56	287	5450	39.46	-13.32	41.65	288
3475	26.67	-6.01	27.34	283	4475	30.14	-9.79	31.69	288	5475	39.48	-13.38	41.69	289
3500	27.18	-6.09	27.86	282	4500	30.24	-10.02	31.86	288	5500	39.66	-13.68	41.95	289
3525	27.71	-6.29	28.41	283	4525	29.94	-10.34	31.67	289	5525	39.65	-14.12	42.09	289
3550	28.21	-6.46	28.94	283	4550	29.91	-10.60	31.73	289	5550	39.64	-14.38	42.17	290
3575	28.29	-6.62	29.06	283	4575	29.61	-10.52	31.42	289	5575	39.89	-14.65	42.49	290
3600	28.11	-6.76	28.91	283	4600	29.30	-10.26	31.04	289	5600	40.16	-14.84	42.82	290
3625	27.84	-6.58	28.61	283	4625	29.95	-9.82	31.52	288	5625	40.23	-14.87	42.89	290
3650	27.58	-6.25	28.28	283	4650	30.92	-9.52	32.36	287	5650	40.19	-14.54	42.74	290
3675	27.79	-6.17	28.47	282	4675	31.85	-9.61	33.27	287	5675	40.15	-14.44	42.66	290
3700	27.95	-6.19	28.63	282	4700	32.48	-9.87	33.94	287	5700	40.07	-14.40	42.58	290
3725	27.76	-6.32	28.47	283	4725	32.63	-10.20	34.19	287	5725	40.00	-14.08	42.41	289
3750	27.53	-6.62	28.31	283	4750	32.95	-10.31	34.52	287	5750	39.83	-13.81	42.15	289
3775	27.44	-6.88	28.29	284	4775	33.40	-10.39	34.98	287	5775	40.04	-13.99	42.41	289
3800	27.36	-7.02	28.25	284	4800	33.56	-10.69	35.22	287	5800	40.36	-14.35	42.84	289
3825	27.28	-7.13	28.20	284	4825	33.75	-11.04	35.51	288	5825	40.67	-14.27	43.10	289
3850	27.18	-7.18	28.11	285	4850	34.00	-11.28	35.83	288	5850	41.06	-14.25	43.47	289
3875	27.06	-7.37	28.05	285	4875	34.07	-11.56	35.98	289	5875	41.28	-14.38	43.72	289
3900	27.02	-7.56	28.06	285	4900	34.13	-11.84	36.13	289	5900	41.59	-14.43	44.02	289
3925	26.92	-7.74	28.01	286	4925	34.27	-12.05	36.33	289	5925	42.03	-14.53	44.47	289
3950	26.69	-7.97	27.85	286	4950	34.21	-12.39	36.38	290	5950	42.61	-14.78	45.10	289
3975	26.50	-8.03	27.69	287	4975	34.29	-12.73	36.58	290	5975	42.96	-14.88	45.47	289
4000	26.52	-8.03	27.71	287	5000	34.52	-13.25	36.98	291	6000	43.28	-15.13	45.85	289
4025	26.63	-7.62	27.69	286	5025	34.38	-13.30	36.86	291	6025	43.84	-14.96	46.32	289
4050	26.72	-7.09	27.65	285	5050	34.16	-12.94	36.53	291	6050	44.34	-15.14	46.85	289
4075	26.65	-7.00	27.55	285	5075	34.61	-13.08	37.00	291	6075	44.64	-15.61	47.29	289
4100	26.94	-6.97	27.83	284	5100	35.44	-13.46	37.91	291	6100	44.82	-15.26	47.35	289
4125	27.31	-7.13	28.22	284	5125	36.00	-13.32	38.39	290	6125	44.73	-15.00	47.18	288
4150	27.25	-7.50	28.26	285	5150	36.32	-12.57	38.44	289	6150	44.40	-14.84	46.81	288
4175	27.29	-7.77	28.37	286	5175	37.05	-11.76	38.87	287	6175	44.48	-15.02	46.95	288

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-46 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1735 03/10/65, 2046Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	44.74	-15.28	47.28	289	7200	47.53	-15.82	50.10	288	8200	48.58	-20.15	52.59	292
6225	44.66	-15.75	47.36	289	7225	47.80	-15.95	50.39	288	8225	48.24	-20.16	52.29	293
6250	44.44	-16.29	47.33	290	7250	47.93	-15.86	50.48	288	8250	48.79	-20.39	52.88	292
6275	44.44	-16.83	47.52	291	7275	47.91	-15.67	50.41	288	8275	48.76	-20.71	52.97	293
6300	44.94	-17.42	48.19	291	7300	47.75	-16.05	50.38	288	8300	48.55	-20.34	52.64	293
6325	45.52	-17.58	48.80	291	7325	47.92	-16.20	50.59	288	8325	48.33	-19.73	52.21	292
6350	45.86	-17.77	49.18	291	7350	48.27	-15.87	50.81	288	8350	48.20	-19.42	51.96	292
6375	46.13	-18.05	49.54	291	7375	48.41	-16.14	51.03	288	8375	48.33	-19.83	52.24	292
6400	46.12	-18.11	49.55	291	7400	48.46	-16.19	51.10	288	8400	48.36	-20.10	52.37	292
6425	46.03	-17.83	49.37	291	7425	48.45	-16.37	51.14	288	8425	48.37	-19.67	52.21	292
6450	46.11	-17.66	49.38	291	7450	48.84	-16.54	51.57	289	8450	48.20	-19.35	51.94	292
6475	46.62	-17.68	49.86	291	7475	49.25	-16.41	51.92	288	8475	47.94	-19.04	51.58	291
6500	47.15	-17.45	50.28	290	7500	49.40	-17.06	52.27	289	8500	47.61	-19.09	51.29	292
6525	47.09	-17.59	50.27	290	7525	49.53	-18.23	52.78	290	8525	47.47	-18.90	51.10	292
6550	47.24	-17.66	50.43	290	7550	49.61	-18.33	52.89	290	8550	47.06	-19.03	50.77	292
6575	47.23	-17.25	50.28	290	7575	49.46	-17.95	52.62	290	8575	47.17	-18.72	50.75	291
6600	47.27	-16.98	50.23	290	7600	49.08	-19.16	52.68	291	8600	47.38	-18.47	50.85	291
6625	47.87	-17.22	50.88	290	7625	48.82	-19.20	52.46	291	8625	46.93	-19.01	50.64	292
6650	48.46	-17.14	51.40	289	7650	48.92	-18.84	52.42	291	8650	46.68	-18.87	50.35	292
6675	48.65	-16.78	51.46	289	7675	49.14	-19.59	52.90	292	8675	46.73	-19.16	50.50	292
6700	48.62	-16.57	51.37	289	7700	49.09	-20.02	53.02	292	8700	46.73	-19.32	50.56	292
6725	48.88	-16.06	51.45	288	7725	49.29	-19.81	53.12	292	8725	46.93	-19.27	50.73	292
6750	48.97	-15.89	51.48	288	7750	49.32	-19.88	53.18	292	8750	46.99	-19.73	50.96	293
6775	49.03	-15.77	51.50	288	7775	49.30	-19.75	53.11	292	8775	46.88	-19.91	50.93	293
6800	48.95	-15.72	51.42	288	7800	49.37	-19.50	53.08	291	8800	46.76	-20.79	51.17	294
6825	48.73	-15.58	51.16	288	7825	49.39	-20.01	53.29	292	8825	47.05	-21.11	51.57	294
6850	48.74	-15.22	51.06	287	7850	49.73	-20.14	53.65	292	8850	47.18	-20.14	51.30	293
6875	48.55	-15.31	50.91	287	7875	49.93	-19.53	53.62	291	8875	46.83	-20.25	51.02	293
6900	48.53	-15.17	50.84	287	7900	50.12	-19.82	53.90	291	8900	46.73	-20.58	51.06	294
6925	48.49	-14.87	50.72	287	7925	50.09	-20.05	53.96	292	8925	46.83	-19.95	50.90	293
6950	48.36	-14.71	50.55	287	7950	49.93	-19.58	53.64	291	8950	46.91	-19.54	50.81	292
6975	48.16	-14.84	50.39	287	7975	49.93	-19.73	53.68	291	8975	46.87	-19.72	50.85	293
7000	47.79	-14.98	50.08	287	8000	50.02	-19.69	53.76	291	9000	46.86	-20.10	50.99	293
7025	47.52	-15.26	49.91	288	8025	50.05	-19.81	53.83	291	9025	47.04	-19.37	50.87	292
7050	47.32	-15.47	49.78	288	8050	49.97	-19.63	53.68	291	9050	47.10	-19.26	50.88	292
7075	47.23	-15.54	49.72	288	8075	49.74	-18.81	53.18	291	9075	47.19	-19.51	51.06	292
7100	47.11	-15.48	49.59	288	8100	49.58	-19.05	53.11	291	9100	47.07	-19.69	51.02	293
7125	47.07	-15.49	49.55	288	8125	49.55	-19.59	53.29	291	9125	47.29	-19.39	51.12	292
7150	47.08	-15.78	49.65	288	8150	49.31	-19.81	53.14	292	9150	47.22	-18.87	50.85	292
7175	47.23	-15.79	49.80	288	8175	49.14	-20.03	53.07	292	9175	46.90	-18.74	50.51	292

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1735 03/10/65, 2046Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	46.39	-18.33	49.88	291	10200	48.96	-23.29	54.22	295	11200	52.34	-28.02	59.37	298
9225	46.02	-18.98	49.78	292	10225	48.86	-23.06	54.03	295	11225	52.98	-28.51	60.17	298
9250	46.24	-19.08	50.02	292	10250	48.48	-23.87	54.04	296	11250	53.26	-29.50	60.88	299
9275	45.86	-19.68	49.91	293	10275	48.69	-23.50	54.07	296	11275	53.54	-28.45	60.63	298
9300	45.81	-19.78	49.90	293	10300	49.04	-22.34	53.89	294	11300	53.68	-27.45	60.30	297
9325	46.14	-18.50	49.71	292	10325	48.76	-22.59	53.74	295	11325	53.27	-28.44	60.39	298
9350	46.12	-19.46	50.06	293	10350	48.75	-22.19	53.56	294	11350	53.42	-28.09	60.36	298
9375	46.33	-19.73	50.35	293	10375	48.96	-22.10	53.71	294	11375	54.25	-27.74	60.93	297
9400	46.53	-18.82	50.19	292	10400	48.76	-22.54	53.72	295	11400	54.15	-28.78	61.33	298
9425	46.46	-19.15	50.25	292	10425	48.78	-22.89	53.88	295	11425	53.63	-29.35	61.13	299
9450	46.26	-19.62	50.25	293	10450	49.15	-22.47	54.05	294	11450	53.90	-28.64	61.04	298
9475	45.83	-20.56	50.23	294	10475	49.03	-22.83	54.09	295	11475	54.56	-28.02	61.34	297
9500	46.20	-20.29	50.46	294	10500	48.90	-22.98	54.03	295	11500	54.20	-28.22	61.10	297
9525	46.51	-20.18	50.70	293	10525	49.04	-22.31	53.88	294	11525	53.87	-29.33	61.34	298
9550	46.39	-20.36	50.66	294	10550	48.92	-22.13	53.69	294	11550	54.57	-28.95	61.77	298
9575	46.02	-21.38	50.74	295	10575	48.73	-22.50	53.67	295	11575	54.22	-29.06	61.52	298
9600	46.04	-21.45	50.79	295	10600	48.65	-22.99	53.81	295	11600	53.69	-29.50	61.26	299
9625	46.37	-20.81	50.83	294	10625	48.82	-22.67	53.83	295	11625	53.28	-29.66	60.97	299
9650	46.61	-21.27	51.24	294	10650	48.81	-22.58	53.78	295	11650	53.32	-29.27	60.82	299
9675	46.49	-21.71	51.31	295	10675	48.85	-22.82	53.92	295	11675	53.47	-29.07	60.87	298
9700	46.06	-20.95	50.60	294	10700	49.25	-22.94	54.33	295	11700	52.90	-28.99	60.32	299
9725	46.26	-21.13	50.85	294	10725	49.26	-23.66	54.65	295	11725	52.18	-28.95	59.67	299
9750	46.33	-22.69	51.59	296	10750	49.40	-23.70	54.79	295	11750	52.05	-29.45	59.80	299
9775	46.30	-22.48	51.47	296	10775	50.28	-23.21	55.38	295	11775	51.80	-29.76	59.74	300
9800	45.83	-22.85	51.21	296	10800	50.35	-24.12	55.83	295	11800	51.45	-29.93	59.52	300
9825	45.84	-22.74	51.17	296	10825	50.10	-24.50	55.77	296	11825	51.45	-29.65	59.38	300
9850	46.26	-21.94	51.19	295	10850	50.45	-24.70	56.17	296	11850	51.41	-28.93	58.99	299
9875	46.11	-22.57	51.34	296	10875	50.51	-25.12	56.41	296	11875	51.69	-28.72	59.13	299
9900	45.92	-22.56	51.16	296	10900	50.27	-25.07	56.18	296	11900	51.41	-29.19	59.12	299
9925	45.95	-22.75	51.28	296	10925	50.68	-25.67	56.82	297	11925	51.09	-28.77	58.63	299
9950	46.12	-24.02	52.00	297	10950	51.13	-25.68	57.22	296	11950	50.66	-29.48	58.61	300
9975	46.17	-25.21	52.61	298	10975	50.63	-25.68	56.77	297	11975	49.82	-30.21	58.27	301
10000	46.84	-24.28	52.76	297	11000	50.46	-25.45	56.52	297	12000	49.17	-30.10	57.66	301
10025	47.45	-23.68	53.02	296	11025	51.39	-25.35	57.30	296	12025	49.23	-30.49	57.91	302
10050	47.62	-24.59	53.60	297	11050	51.01	-25.97	57.24	297	12050	49.42	-30.19	57.91	301
10075	47.75	-25.09	53.94	298	11075	50.23	-26.18	56.65	297	12075	49.40	-30.17	57.88	301
10100	48.10	-25.10	54.25	297	11100	50.83	-25.56	56.89	297	12100	49.38	-30.15	57.86	301
10125	48.51	-24.69	54.43	297	11125	51.01	-26.43	57.45	297	12125	50.01	-29.73	58.18	301
10150	48.73	-24.47	54.53	296	11150	51.54	-27.22	58.29	298	12150	50.54	-30.11	58.83	301
10175	48.84	-23.98	54.41	296	11175	52.08	-27.54	58.91	298	12175	50.60	-29.37	58.51	300

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-46 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1735 03/10/65, 2046Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	50.55	-29.16	58.36	300	13200	50.06	-7.16	50.57	278	14200	56.33	-20.94	60.09	290
12225	50.50	-28.96	58.21	300	13225	50.28	-6.77	50.73	277	14225	53.59	-23.70	58.60	294
12250	49.96	-29.56	58.04	300	13250	50.49	-6.38	50.89	277	14250	52.92	-23.10	57.74	293
12275	50.19	-28.92	57.93	300	13275	50.70	-5.98	51.05	277	14275	52.30	-22.69	57.01	293
12300	50.43	-28.28	57.82	299	13300	51.06	-5.49	51.35	276	14300	51.67	-22.28	56.27	293
12325	50.62	-27.47	57.60	298	13325	51.14	-4.59	51.35	275	14325	50.99	-21.90	55.50	293
12350	50.63	-28.09	57.90	299	13350	51.07	-4.48	51.26	275	14350	50.32	-21.53	54.73	293
12375	50.70	-26.86	57.37	298	13375	51.75	-3.95	51.90	274	14375	49.64	-21.15	53.96	293
12400	50.66	-26.60	57.22	298	13400	52.43	-3.43	52.54	274	14400	47.93	-19.84	51.87	292
12425	50.67	-26.73	57.29	298	13425	53.14	-2.17	53.18	272	14425	46.94	-21.66	51.70	295
12450	50.40	-25.45	56.46	297	13450	53.21	-2.37	53.26	272	14450	46.21	-20.99	50.75	294
12475	50.64	-24.71	56.34	296	13475	53.65	-2.56	53.72	273	14475	45.47	-20.81	50.00	294
12500	50.87	-23.97	56.24	295	13500	53.15	-3.28	53.25	273	14500	45.03	-19.35	49.01	293
12525	51.05	-22.50	55.79	294	13525	52.45	-1.85	52.48	272					
12550	50.36	-21.72	54.84	293	13550	55.68	-1.18	55.69	271					
12575	50.19	-21.36	54.54	293	13575	55.76	-1.33	55.78	271					
12600	50.01	-21.00	54.24	293	13600	55.84	-1.48	55.86	271					
12625	50.26	-19.98	54.09	291	13625	55.93	-1.64	55.95	271					
12650	49.99	-20.00	53.84	292	13650	56.02	-5.33	56.27	275					
12675	49.46	-19.12	53.02	291	13675	57.60	-3.64	57.72	273					
12700	49.75	-18.14	52.96	290	13700	58.11	-3.74	58.23	273					
12725	49.42	-18.36	52.72	290	13725	58.63	-3.85	58.75	274					
12750	48.83	-17.05	51.72	289	13750	59.14	-3.95	59.27	274					
12775	49.17	-15.66	51.60	287	13775	59.71	-5.58	59.97	275					
12800	48.98	-15.57	51.40	287	13800	60.27	-7.21	60.70	277					
12825	48.92	-14.10	50.91	286	13825	60.15	-10.62	61.08	280					
12850	48.66	-14.51	50.77	286	13850	60.12	-12.87	61.48	282					
12875	48.80	-14.13	50.80	286	13875	59.92	-14.78	61.72	284					
12900	48.94	-13.99	50.90	286	13900	59.83	-15.91	61.91	285					
12925	47.93	-13.88	49.90	286	13925	59.87	-15.60	61.87	284					
12950	49.40	-12.48	50.95	284	13950	59.32	-16.10	61.47	285					
12975	49.61	-11.76	50.99	283	13975	59.23	-16.17	61.40	285					
13000	48.86	-12.07	50.33	284	14000	59.14	-16.25	61.33	285					
13025	48.46	-12.02	49.93	284	14025	59.05	-16.32	61.27	285					
13050	49.04	-10.61	50.17	282	14050	57.93	-19.53	61.14	288					
13075	49.14	-10.30	50.21	282	14075	57.77	-19.88	61.09	289					
13100	49.24	-9.99	50.24	281	14100	57.60	-20.22	61.05	289					
13125	49.34	-9.69	50.28	281	14125	56.67	-20.95	60.42	290					
13150	49.32	-8.61	50.06	280	14150	56.63	-21.01	60.40	290					
13175	49.69	-7.88	50.31	279	14175	56.58	-21.06	60.37	290					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

TABLE II-47

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1720 03/10/65, 2215Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	10.92	-3.69	11.53	288	1225	10.56	-0.20	10.56	271	2225	13.90	-2.35	14.09	279
250	10.58	-3.61	11.18	289	1250	10.46	-0.00	10.46	270	2250	13.82	-2.31	14.02	279
275	10.50	-3.43	11.05	288	1275	10.33	0.28	10.33	268	2275	13.72	-2.38	13.93	280
300	10.89	-3.59	11.47	288	1300	10.22	0.54	10.24	267	2300	13.52	-2.59	13.77	281
325	11.16	-3.68	11.75	288	1325	10.36	0.66	10.38	266	2325	13.41	-2.89	13.71	282
350	11.38	-3.45	11.90	287	1350	10.79	0.78	10.82	266	2350	13.38	-3.00	13.71	282
375	11.28	-3.32	11.76	286	1375	10.97	1.02	11.02	265	2375	13.60	-2.92	13.91	282
400	11.02	-3.17	11.47	286	1400	10.68	1.16	10.74	264	2400	14.03	-2.55	14.26	280
425	10.75	-2.97	11.16	285	1425	10.34	1.27	10.42	263	2425	14.46	-2.16	14.62	278
450	10.37	-2.76	10.73	285	1450	10.28	1.41	10.37	262	2450	14.79	-2.08	14.93	278
475	10.24	-2.69	10.58	285	1475	10.37	1.61	10.49	261	2475	14.83	-2.06	14.97	278
500	10.16	-2.72	10.52	285	1500	10.47	1.84	10.63	260	2500	15.06	-1.93	15.18	277
525	10.22	-2.66	10.56	284	1525	10.46	1.95	10.64	259	2525	15.66	-1.73	15.76	276
550	10.51	-2.71	10.85	284	1550	10.20	2.04	10.41	259	2550	16.54	-1.62	16.62	275
575	10.43	-2.64	10.76	284	1575	10.03	2.03	10.23	258	2575	17.37	-1.42	17.42	274
600	10.08	-2.20	10.32	282	1600	10.15	1.81	10.31	260	2600	17.99	-1.24	18.03	274
625	10.01	-1.96	10.20	281	1625	10.54	1.71	10.68	261	2625	18.78	-1.25	18.82	274
650	10.54	-1.96	10.72	280	1650	11.04	1.69	11.17	261	2650	19.16	-1.31	19.21	274
675	11.07	-1.87	11.23	279	1675	11.14	1.65	11.26	261	2675	19.57	-1.42	19.62	274
700	11.13	-1.77	11.27	279	1700	10.91	1.86	11.07	260	2700	20.29	-1.62	20.36	274
725	10.85	-1.50	10.95	278	1725	10.58	1.90	10.75	260	2725	20.57	-1.67	20.64	274
750	10.30	-1.34	10.39	277	1750	10.59	1.59	10.71	261	2750	20.74	-1.51	20.79	274
775	10.14	-1.37	10.23	278	1775	11.14	1.33	11.22	263	2775	21.14	-1.35	21.18	273
800	10.42	-1.45	10.52	278	1800	11.37	1.03	11.42	265	2800	21.51	-0.97	21.53	272
825	10.47	-1.52	10.58	278	1825	11.12	0.83	11.13	267	2825	22.05	-0.50	22.05	271
850	10.20	-1.51	10.31	278	1850	10.83	0.39	10.84	268	2850	22.52	-0.30	22.52	271
875	10.04	-1.52	10.15	278	1875	11.06	-0.01	11.06	270	2875	22.66	-0.24	22.67	270
900	10.00	-1.49	10.11	278	1900	11.80	-0.51	11.81	272	2900	22.84	-0.40	22.84	271
925	10.10	-1.37	10.20	278	1925	12.30	-0.62	12.32	273	2925	23.11	-0.69	23.12	272
950	10.26	-1.15	10.32	276	1950	12.48	-0.53	12.49	272	2950	23.28	-0.73	23.29	272
975	10.02	-0.96	10.07	275	1975	12.67	-0.49	12.68	272	2975	23.98	-0.83	24.00	272
1000	9.72	-0.81	9.76	275	2000	12.93	-0.63	12.94	273	3000	24.72	-1.09	24.74	272
1025	9.60	-0.77	9.64	274	2025	13.02	-0.82	13.05	273	3025	25.07	-1.26	25.11	273
1050	9.57	-0.86	9.61	275	2050	13.25	-0.79	13.27	273	3050	25.45	-1.61	25.50	273
1075	9.74	-0.95	9.78	275	2075	13.58	-0.78	13.60	273	3075	25.43	-1.84	25.50	274
1100	10.08	-0.87	10.12	275	2100	13.83	-0.76	13.86	273	3100	25.30	-2.04	25.39	274
1125	10.35	-0.53	10.37	273	2125	13.84	-1.03	13.88	274	3125	25.04	-2.42	25.16	275
1150	10.41	-0.37	10.42	272	2150	13.58	-1.62	13.68	277	3150	24.72	-2.71	24.87	276
1175	10.49	-0.39	10.50	272	2175	13.54	-1.98	13.68	278	3175	24.43	-3.01	24.62	277
1200	10.57	-0.32	10.58	272	2200	13.79	-2.25	13.97	279	3200	24.16	-3.40	24.40	278

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1720 03/10/65, 2215Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	23.96	-3.63	24.24	278	4225	28.50	-5.10	28.95	280	5225	38.53	-11.27	40.14	286
3250	23.80	-3.76	24.09	279	4250	28.28	-5.63	28.84	281	5250	38.67	-11.58	40.37	286
3275	23.65	-3.98	23.98	279	4275	28.26	-6.06	28.91	282	5275	38.46	-11.91	40.26	287
3300	23.32	-4.32	23.72	280	4300	28.18	-6.54	28.92	283	5300	38.62	-12.22	40.51	287
3325	22.83	-4.80	23.33	282	4325	28.06	-7.13	28.95	284	5325	38.91	-12.69	40.93	288
3350	22.80	-5.20	23.39	283	4350	27.95	-7.78	29.01	285	5350	38.93	-12.97	41.03	288
3375	23.29	-5.61	23.95	283	4375	27.77	-8.05	28.92	286	5375	39.04	-13.25	41.23	289
3400	24.11	-6.10	24.87	284	4400	27.64	-8.13	28.82	286	5400	39.38	-13.83	41.74	289
3425	25.15	-6.17	25.90	284	4425	27.92	-8.16	29.09	286	5425	39.79	-14.17	42.24	289
3450	25.53	-5.95	26.22	283	4450	28.33	-8.20	29.49	286	5450	40.00	-14.33	42.49	290
3475	25.48	-5.96	26.17	283	4475	28.50	-8.38	29.71	286	5475	40.01	-14.39	42.52	290
3500	25.18	-5.95	25.87	283	4500	28.56	-8.72	29.86	287	5500	40.02	-14.58	42.59	290
3525	24.69	-5.71	25.34	283	4525	28.44	-9.17	29.88	288	5525	39.90	-14.52	42.46	290
3550	24.80	-5.25	25.35	282	4550	28.87	-9.59	30.42	288	5550	39.77	-14.13	42.21	289
3575	25.36	-5.21	25.89	281	4575	29.57	-9.91	31.19	288	5575	39.73	-14.02	42.13	289
3600	25.96	-5.79	26.59	282	4600	29.80	-10.21	31.50	289	5600	39.89	-14.08	42.30	289
3625	26.35	-6.21	27.07	283	4625	30.14	-10.43	31.90	289	5625	39.98	-13.93	42.34	289
3650	26.30	-6.23	27.03	283	4650	30.45	-10.39	32.17	289	5650	39.82	-13.46	42.03	288
3675	26.19	-5.85	26.84	282	4675	30.44	-10.42	32.18	289	5675	39.50	-13.36	41.70	289
3700	25.94	-5.48	26.52	282	4700	30.33	-10.56	32.12	289	5700	39.55	-13.36	41.75	288
3725	25.75	-5.24	26.27	281	4725	30.69	-10.56	32.45	289	5725	39.88	-13.33	42.05	288
3750	25.59	-5.17	26.10	281	4750	31.47	-10.29	33.11	288	5750	40.30	-13.78	42.59	289
3775	25.48	-5.35	26.03	282	4775	31.88	-9.90	33.38	287	5775	40.80	-14.22	43.21	289
3800	25.61	-5.28	26.15	281	4800	31.95	-9.76	33.41	287	5800	41.28	-14.64	43.80	289
3825	25.63	-5.03	26.12	281	4825	32.16	-10.05	33.69	287	5825	41.61	-15.03	44.24	290
3850	25.66	-4.66	26.08	280	4850	32.40	-10.48	34.06	288	5850	41.75	-15.39	44.50	290
3875	25.63	-4.47	26.02	280	4875	32.90	-10.71	34.60	288	5875	41.91	-15.41	44.65	290
3900	25.54	-4.40	25.92	280	4900	33.50	-10.97	35.25	288	5900	42.37	-15.25	45.03	290
3925	25.31	-4.04	25.63	279	4925	33.86	-11.56	35.78	289	5925	43.30	-15.41	45.96	289
3950	25.33	-4.06	25.65	279	4950	34.06	-12.25	36.20	290	5950	43.69	-15.76	46.45	290
3975	25.82	-4.25	26.17	279	4975	34.23	-12.71	36.52	290	5975	43.99	-16.18	46.87	290
4000	26.36	-3.80	26.63	278	5000	34.69	-12.77	36.97	290	6000	44.24	-16.24	47.12	290
4025	26.85	-3.43	27.06	277	5025	35.58	-12.65	37.76	289	6025	43.95	-15.98	46.76	290
4050	27.15	-3.31	27.35	277	5050	36.59	-12.29	38.60	288	6050	43.75	-16.10	46.61	290
4075	27.39	-2.98	27.55	276	5075	37.46	-11.99	39.33	288	6075	43.65	-16.36	46.62	290
4100	27.55	-3.04	27.72	276	5100	38.01	-12.03	39.87	287	6100	43.77	-16.43	46.75	290
4125	27.73	-3.37	27.93	277	5125	38.16	-11.70	39.91	287	6125	43.91	-16.73	46.98	291
4150	28.02	-3.66	28.26	277	5150	38.20	-11.19	39.81	286	6150	43.85	-17.18	47.10	291
4175	27.98	-4.12	28.28	278	5175	38.14	-11.00	39.70	286	6175	43.87	-17.58	47.26	292
4200	28.28	-4.56	28.65	279	5200	38.18	-11.04	39.74	286	6200	44.12	-17.80	47.58	292

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-47 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1720 03/10/65, 2215Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	44.28	-17.80	47.72	292	7225	47.26	-21.11	51.76	294	8225	44.96	-21.60	49.88	295
6250	44.28	-17.58	47.65	291	7250	47.06	-21.43	51.71	294	8250	44.79	-21.82	49.82	296
6275	44.36	-16.88	47.46	291	7275	47.09	-21.50	51.76	294	8275	44.53	-21.97	49.65	296
6300	44.58	-16.50	47.54	290	7300	47.29	-21.02	51.75	294	8300	44.62	-21.63	49.59	296
6325	44.79	-16.23	47.64	290	7325	47.44	-20.66	51.74	293	8325	44.60	-21.43	49.48	295
6350	44.99	-15.62	47.63	289	7350	47.84	-20.66	52.11	293	8350	44.46	-21.26	49.28	295
6375	45.34	-15.20	47.82	288	7375	47.69	-20.80	52.03	293	8375	44.48	-20.76	49.09	295
6400	45.56	-15.04	47.97	288	7400	47.53	-20.53	51.77	293	8400	44.71	-20.26	49.09	294
6425	45.56	-15.15	48.01	288	7425	47.79	-20.56	52.03	293	8425	44.39	-20.33	48.82	294
6450	45.42	-15.38	47.95	289	7450	47.80	-20.76	52.11	293	8450	44.45	-20.48	48.94	295
6475	45.24	-15.74	47.90	289	7475	47.84	-20.85	52.19	293	8475	44.87	-20.25	49.22	294
6500	45.40	-15.79	48.07	289	7500	47.80	-20.89	52.16	293	8500	44.67	-20.05	48.97	294
6525	45.67	-16.11	48.43	289	7525	47.95	-21.06	52.37	294	8525	44.48	-19.63	48.62	294
6550	45.94	-16.80	48.92	290	7550	47.82	-21.12	52.28	294	8550	44.65	-19.30	48.64	293
6575	46.15	-17.05	49.20	290	7575	47.58	-20.95	51.99	294	8575	44.71	-19.51	48.78	293
6600	46.23	-17.16	49.31	290	7600	47.69	-20.90	52.06	293	8600	44.77	-19.33	48.76	293
6625	46.31	-17.45	49.49	290	7625	47.79	-20.84	52.14	293	8625	44.90	-19.02	48.76	293
6650	46.30	-17.78	49.59	291	7650	47.89	-20.63	52.14	293	8650	44.71	-19.21	48.66	293
6675	46.42	-17.89	49.75	291	7675	47.97	-20.37	52.11	293	8675	44.65	-19.05	48.54	293
6700	46.82	-17.78	50.08	291	7700	47.78	-20.62	52.04	293	8700	45.06	-18.16	48.58	292
6725	47.17	-17.88	50.45	291	7725	47.16	-20.82	51.56	294	8725	44.96	-18.27	48.53	292
6750	47.23	-18.14	50.59	291	7750	46.62	-20.77	51.04	294	8750	44.90	-18.45	48.54	292
6775	47.66	-18.15	50.99	291	7775	46.49	-20.32	50.73	293	8775	44.89	-17.79	48.29	291
6800	47.66	-18.72	51.21	291	7800	46.69	-19.90	50.76	293	8800	44.57	-17.75	47.98	292
6825	47.56	-19.42	51.37	292	7825	46.55	-20.23	50.76	293	8825	44.72	-17.92	48.18	292
6850	47.87	-19.06	51.53	292	7850	46.20	-20.22	50.43	293	8850	44.65	-17.78	48.06	292
6875	47.74	-19.13	51.44	292	7875	45.91	-20.16	50.14	294	8875	44.67	-17.84	48.10	292
6900	47.61	-19.32	51.38	292	7900	45.56	-20.43	49.93	294	8900	44.82	-17.77	48.21	291
6925	47.57	-19.70	51.49	292	7925	45.26	-20.59	49.73	294	8925	44.82	-17.95	48.28	292
6950	47.63	-20.17	51.72	293	7950	44.99	-20.66	49.51	294	8950	44.72	-18.17	48.27	292
6975	47.73	-20.40	51.90	293	7975	44.84	-21.01	49.52	295	8975	44.55	-18.15	48.11	292
7000	47.79	-20.89	52.15	293	8000	44.79	-21.54	49.70	296	9000	44.49	-18.04	48.01	292
7025	47.75	-21.20	52.24	294	8025	44.74	-21.50	49.64	295	9025	44.60	-17.75	48.00	292
7050	47.33	-21.04	51.80	294	8050	44.66	-21.53	49.58	296	9050	44.71	-17.48	48.01	291
7075	46.96	-20.85	51.38	294	8075	44.75	-21.44	49.62	295	9075	44.67	-17.72	48.06	291
7100	46.95	-21.03	51.45	294	8100	44.65	-21.69	49.64	296	9100	44.30	-18.07	47.84	292
7125	46.99	-21.14	51.53	294	8125	44.75	-21.77	49.76	296	9125	44.13	-18.27	47.76	292
7150	47.22	-21.32	51.81	294	8150	44.89	-21.54	49.79	295	9150	44.43	-18.60	48.17	293
7175	47.25	-21.54	51.93	294	8175	44.83	-21.50	49.72	295	9175	44.51	-19.13	48.44	293
7200	47.26	-21.31	51.84	294	8200	44.86	-21.59	49.79	296	9200	44.29	-19.27	48.30	293

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1720 03/10/65, 2215Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	44.39	-19.17	48.35	293	10225	47.27	-19.87	51.27	293	11225	52.41	-24.25	57.74	295
9250	44.37	-19.49	48.47	294	10250	46.94	-19.81	50.95	293	11250	52.77	-24.42	58.15	295
9275	44.20	-20.43	48.70	295	10275	46.77	-19.92	50.84	293	11275	52.92	-25.18	58.61	295
9300	44.26	-21.31	49.12	296	10300	47.64	-19.75	51.57	292	11300	53.67	-26.09	59.68	296
9325	44.38	-21.62	49.36	296	10325	47.18	-20.26	51.35	293	11325	54.56	-25.41	60.19	295
9350	44.34	-21.94	49.47	296	10350	46.86	-20.27	51.05	293	11350	54.72	-25.29	60.28	295
9375	44.20	-21.94	49.34	296	10375	47.25	-19.91	51.27	293	11375	54.89	-25.16	60.38	294
9400	44.05	-22.04	49.26	296	10400	47.02	-20.19	51.17	293	11400	54.72	-26.13	60.63	295
9425	43.98	-22.17	49.25	297	10425	47.10	-20.75	51.47	294	11425	54.66	-27.08	61.00	296
9450	43.77	-22.35	49.15	297	10450	47.41	-20.17	51.52	293	11450	54.72	-27.17	61.09	296
9475	43.47	-23.11	49.23	298	10475	47.57	-20.14	51.66	293	11475	54.31	-27.30	60.78	297
9500	43.55	-23.65	49.56	298	10500	47.59	-20.26	51.73	293	11500	54.53	-26.30	60.54	296
9525	43.94	-23.59	49.87	298	10525	48.21	-19.88	52.14	292	11525	53.67	-27.64	60.37	297
9550	44.77	-22.81	50.24	297	10550	48.36	-20.90	52.69	293	11550	53.31	-28.37	60.39	298
9575	45.12	-22.84	50.57	297	10575	48.69	-21.00	53.03	293	11575	53.74	-27.87	60.54	297
9600	45.42	-22.58	50.73	296	10600	49.23	-20.05	53.15	292	11600	53.39	-28.28	60.41	298
9625	45.47	-22.00	50.51	296	10625	49.25	-20.70	53.42	293	11625	53.07	-27.44	59.74	297
9650	45.47	-21.97	50.50	296	10650	49.73	-21.07	54.01	293	11650	53.26	-27.27	59.83	297
9675	46.06	-21.28	50.74	295	10675	49.99	-21.18	54.29	293	11675	52.95	-27.89	59.84	298
9700	45.97	-20.83	50.47	294	10700	50.09	-21.38	54.47	293	11700	52.95	-27.46	59.64	297
9725	45.97	-20.80	50.45	294	10725	50.35	-21.86	54.89	293	11725	53.24	-27.15	59.76	297
9750	45.91	-20.91	50.45	294	10750	50.35	-21.85	54.89	293	11750	52.99	-26.91	59.43	297
9775	45.34	-21.17	50.04	295	10775	50.13	-22.18	54.82	294	11775	52.18	-27.96	59.20	298
9800	45.24	-21.42	50.06	295	10800	50.61	-22.77	55.50	294	11800	52.37	-26.85	58.85	297
9825	45.67	-20.47	50.05	294	10825	51.50	-22.06	56.03	293	11825	52.21	-25.73	58.21	296
9850	46.38	-19.51	50.32	293	10850	51.16	-22.52	55.90	294	11850	51.94	-26.32	58.23	297
9875	46.29	-20.17	50.49	293	10875	50.86	-22.95	55.80	294	11875	51.95	-26.16	58.17	297
9900	45.65	-20.17	49.91	294	10900	50.63	-22.75	55.51	294	11900	51.50	-26.06	57.72	297
9925	46.01	-19.79	50.08	293	10925	50.44	-23.65	55.71	295	11925	51.70	-25.49	57.65	296
9950	46.38	-19.68	50.38	293	10950	51.30	-23.16	56.29	294	11950	51.48	-25.20	57.32	296
9975	46.20	-19.63	50.20	293	10975	51.78	-22.92	56.63	294	11975	50.94	-25.02	56.75	296
10000	46.01	-20.30	50.29	294	11000	51.29	-23.70	56.50	295	12000	50.60	-25.93	56.86	297
10025	46.68	-19.55	50.61	293	11025	50.94	-23.66	56.17	295	12025	50.27	-26.21	56.69	297
10050	47.29	-19.45	51.14	292	11050	50.82	-23.17	55.85	294	12050	50.52	-25.83	56.74	297
10075	47.07	-19.80	51.06	293	11075	50.77	-23.25	55.84	294	12075	50.10	-26.65	56.75	298
10100	46.69	-19.81	50.72	293	11100	50.78	-23.12	55.80	294	12100	50.81	-25.44	56.82	296
10125	46.74	-19.48	50.63	292	11125	50.79	-22.98	55.75	294	12125	51.12	-24.87	56.85	296
10150	46.79	-19.36	50.63	292	11150	51.44	-23.28	56.46	294	12150	51.05	-24.47	56.61	295
10175	46.72	-19.73	50.72	293	11175	51.86	-24.01	57.15	295	12175	51.36	-24.55	56.93	295
10200	46.96	-20.17	51.11	293	11200	51.98	-23.95	57.23	295	12200	51.57	-24.04	56.90	295

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-47 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1720 03/10/65, 2215Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	51.61	-23.35	56.64	294	13225	51.69	-9.66	52.59	280					
12250	51.77	-23.25	56.75	294	13250	52.09	-10.38	53.12	281					
12275	52.10	-22.67	56.82	293	13275	53.02	-10.01	53.96	281					
12300	52.41	-21.86	56.78	292	13300	53.66	-10.21	54.62	281					
12325	51.96	-22.27	56.54	293	13325	54.18	-9.52	55.01	280					
12350	52.04	-22.19	56.57	293	13350	54.12	-9.40	54.93	280					
12375	52.11	-22.11	56.61	293	13375	54.06	-9.28	54.85	280					
12400	52.95	-20.31	56.71	291	13400	53.52	-8.56	54.20	279					
12425	52.50	-21.19	56.61	292	13425	53.84	-7.91	54.42	278					
12450	52.58	-21.22	56.70	292	13450	54.07	-7.64	54.60	278					
12475	52.66	-21.24	56.78	292	13475	54.29	-7.37	54.79	278					
12500	52.71	-20.84	56.68	291	13500	54.53	-7.25	55.01	277					
12525	52.77	-20.43	56.58	291	13525	54.27	-7.81	54.83	278					
12550	52.00	-20.02	55.73	291	13550	54.11	-7.57	54.64	278					
12575	51.71	-20.10	55.47	291	13575	53.80	-7.01	54.26	277					
12600	51.76	-18.75	55.06	290	13600	53.85	-5.06	54.09	275					
12625	51.33	-18.88	54.69	290	13625	54.77	-5.93	55.09	276					
12650	51.27	-17.68	54.24	289	13650	54.78	-6.06	55.12	276					
12675	51.47	-16.60	54.08	288	13675	54.80	-6.18	55.14	276					
12700	50.63	-16.58	53.28	288	13700	54.81	-6.30	55.17	276					
12725	51.07	-15.48	53.37	287	13725	54.82	-6.42	55.19	277					
12750	51.07	-15.83	53.47	287	13750	55.01	-7.66	55.54	278					
12775	50.54	-17.41	53.45	289	13775	56.24	-7.20	56.70	277					
12800	51.43	-13.60	53.20	285	13800	56.25	-7.22	56.71	277					
12825	51.29	-13.51	53.04	285	13825	56.26	-7.24	56.72	277					
12850	51.13	-14.97	53.28	286	13850	57.07	-11.53	58.23	281					
12875	51.36	-14.01	53.23	285	13875	57.38	-11.78	58.58	281					
12900	51.02	-13.51	52.78	285	13900	57.23	-14.51	59.04	284					
12925	51.00	-13.38	52.73	284	13925	57.29	-14.71	59.15	284					
12950	50.99	-13.25	52.68	284	13950	57.36	-14.90	59.26	284					
12975	51.12	-13.04	52.76	284	13975	57.43	-15.09	59.38	285					
13000	51.55	-12.49	53.04	283	14000	57.09	-17.85	59.81	287					
13025	51.88	-12.02	53.25	283										
13050	51.60	-11.86	52.94	283										
13075	51.46	-11.55	52.73	282										
13100	51.31	-11.23	52.53	282										
13125	50.93	-10.56	52.01	282										
13150	50.84	-9.99	51.81	281										
13175	50.80	-9.51	51.68	280										
13200	51.49	-8.99	52.27	280										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-48

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1721 03/10/65, 2339Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
300	10.07	-2.68	10.42	285	1300	11.67	-0.67	11.69	273	2300	13.97	0.93	14.00	266
325	10.73	-2.54	11.03	283	1325	11.64	-0.62	11.65	273	2325	14.28	1.05	14.32	266
350	11.02	-2.50	11.30	283	1350	11.57	-0.67	11.58	273	2350	14.60	1.23	14.65	265
375	11.20	-2.46	11.46	282	1375	11.41	-0.55	11.43	273	2375	14.95	1.48	15.02	264
400	11.29	-2.52	11.57	282	1400	11.32	-0.35	11.33	272	2400	15.34	1.51	15.41	264
425	11.00	-2.37	11.25	282	1425	11.21	-0.25	11.21	271	2425	15.50	1.36	15.56	265
450	10.56	-1.96	10.74	280	1450	11.11	-0.08	11.11	270	2450	15.85	1.09	15.89	266
475	10.48	-1.75	10.63	279	1475	11.16	0.11	11.17	269	2475	16.36	0.71	16.37	267
500	10.87	-1.74	11.01	279	1500	11.43	0.15	11.43	269	2500	16.76	0.49	16.77	268
525	11.50	-1.61	11.62	278	1525	11.66	0.06	11.66	270	2525	17.36	0.45	17.36	268
550	11.81	-1.39	11.89	277	1550	11.86	-0.08	11.87	270	2550	18.07	0.56	18.08	268
575	11.46	-1.29	11.53	276	1575	12.14	-0.23	12.14	271	2575	18.59	0.48	18.60	268
600	11.09	-1.27	11.17	276	1600	12.22	-0.34	12.23	271	2600	19.25	0.23	19.25	269
625	11.08	-1.33	11.16	277	1625	12.34	-0.34	12.34	271	2625	20.12	-0.11	20.12	270
650	11.21	-1.59	11.33	278	1650	12.46	-0.23	12.47	271	2650	20.72	-0.60	20.73	271
675	11.13	-1.72	11.27	279	1675	12.61	-0.08	12.61	270	2675	21.13	-1.04	21.16	273
700	10.82	-1.66	10.94	279	1700	12.67	0.14	12.67	269	2700	21.41	-1.41	21.45	274
725	10.52	-1.58	10.64	278	1725	12.53	0.26	12.54	269	2725	21.67	-1.73	21.74	274
750	10.59	-1.47	10.70	278	1750	12.44	0.46	12.45	268	2750	21.90	-2.22	22.01	276
775	10.74	-1.40	10.83	277	1775	12.37	0.64	12.39	267	2775	22.10	-2.81	22.28	277
800	10.82	-1.39	10.91	277	1800	12.36	0.78	12.39	266	2800	22.21	-3.13	22.43	278
825	11.00	-1.40	11.09	277	1825	12.23	1.10	12.28	265	2825	22.22	-3.47	22.49	279
850	11.13	-1.42	11.22	277	1850	12.12	1.31	12.19	264	2850	22.24	-3.89	22.58	280
875	11.02	-1.28	11.09	276	1875	12.17	1.36	12.25	263	2875	22.19	-4.21	22.59	281
900	10.84	-1.04	10.89	275	1900	12.33	1.55	12.43	263	2900	22.28	-4.69	22.77	282
925	10.83	-0.88	10.87	274	1925	12.43	1.81	12.56	262	2925	22.25	-5.21	22.85	283
950	10.95	-0.88	10.99	274	1950	12.40	1.98	12.56	261	2950	22.01	-5.65	22.72	284
975	11.01	-0.83	11.04	274	1975	12.37	2.25	12.57	260	2975	21.82	-5.88	22.59	285
1000	11.10	-0.72	11.13	274	2000	12.55	2.41	12.78	259	3000	21.52	-5.93	22.32	285
1025	11.16	-0.67	11.18	273	2025	13.06	2.25	13.25	260	3025	20.91	-5.93	21.73	286
1050	11.10	-0.65	11.11	273	2050	13.44	2.06	13.60	261	3050	20.46	-5.84	21.28	286
1075	11.11	-0.62	11.12	273	2075	13.49	1.93	13.63	262	3075	20.34	-5.69	21.12	285
1100	11.05	-0.55	11.06	273	2100	13.62	1.75	13.73	262	3100	20.20	-5.44	20.92	285
1125	10.91	-0.39	10.92	272	2125	13.87	1.54	13.95	263	3125	20.18	-5.10	20.81	284
1150	10.89	-0.11	10.90	270	2150	14.07	1.21	14.13	265	3150	20.08	-4.79	20.62	283
1175	10.93	0.03	10.93	270	2175	14.13	1.08	14.17	265	3175	20.28	-4.48	20.77	282
1200	11.04	0.08	11.04	269	2200	13.96	0.96	14.00	266	3200	21.04	-4.16	21.45	281
1225	11.38	0.05	11.38	270	2225	13.93	1.06	13.97	265	3225	21.97	-4.15	22.36	281
1250	11.69	-0.24	11.69	271	2250	13.95	1.08	13.99	265	3250	22.95	-4.57	23.40	281
1275	11.78	-0.57	11.79	273	2275	13.84	0.96	13.88	266	3275	23.43	-5.04	23.97	282

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1721 03/10/65, 2339Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3300	23.40	-5.64	24.07	283	4300	26.43	-9.14	27.97	289	5300	38.47	-17.32	42.19	294
3325	23.28	-6.14	24.07	285	4325	26.58	-8.85	28.01	288	5325	38.57	-17.02	42.16	294
3350	23.27	-6.35	24.12	285	4350	26.70	-8.79	28.11	288	5350	38.62	-16.41	41.96	293
3375	23.04	-6.36	23.90	285	4375	26.63	-8.63	28.00	288	5375	38.80	-16.01	41.97	292
3400	22.67	-6.29	23.53	285	4400	26.67	-8.54	28.00	288	5400	38.90	-15.93	42.03	292
3425	22.46	-6.04	23.26	285	4425	26.61	-8.58	27.96	288	5425	38.91	-15.65	41.94	292
3450	22.35	-5.69	23.06	284	4450	26.53	-8.80	27.95	288	5450	39.13	-15.26	42.00	291
3475	22.41	-5.43	23.06	283	4475	26.52	-8.82	27.95	288	5475	39.44	-14.89	42.16	291
3500	22.42	-5.02	22.97	282	4500	26.74	-8.81	28.15	288	5500	39.55	-14.17	42.01	290
3525	22.49	-4.58	22.95	281	4525	27.16	-9.15	28.66	288	5525	39.82	-13.62	42.08	289
3550	22.87	-4.26	23.26	280	4550	27.76	-9.79	29.44	289	5550	40.52	-13.29	42.65	288
3575	23.27	-4.15	23.64	280	4575	27.98	-10.18	29.78	290	5575	41.02	-13.10	43.06	288
3600	23.57	-4.00	23.91	279	4600	27.91	-10.48	29.82	290	5600	41.16	-12.94	43.15	287
3625	23.80	-3.84	24.11	279	4625	28.60	-10.97	30.63	291	5625	41.04	-12.87	43.01	287
3650	23.88	-3.71	24.17	279	4650	28.97	-11.44	31.15	291	5650	41.16	-13.42	43.29	288
3675	23.81	-3.31	24.04	278	4675	29.09	-11.60	31.32	292	5675	41.58	-13.64	43.76	288
3700	23.47	-3.01	23.66	277	4700	29.45	-11.56	31.64	291	5700	41.94	-13.35	44.01	287
3725	23.53	-2.90	23.71	277	4725	30.01	-11.31	32.07	290	5725	42.31	-14.01	44.57	288
3750	23.75	-3.00	23.94	277	4750	31.07	-11.08	32.98	289	5750	42.38	-14.94	44.93	289
3775	23.88	-3.22	24.09	278	4775	32.11	-11.30	34.04	289	5775	42.45	-15.43	45.16	290
3800	24.28	-3.70	24.56	278	4800	32.96	-11.67	34.96	289	5800	42.66	-15.83	45.50	290
3825	24.84	-4.25	25.20	280	4825	33.67	-11.84	35.69	289	5825	42.79	-16.37	45.82	291
3850	25.39	-4.67	25.81	280	4850	34.23	-11.87	36.22	289	5850	42.93	-17.08	46.20	292
3875	25.44	-5.21	25.97	281	4875	34.90	-12.04	36.92	289	5875	43.27	-17.64	46.73	292
3900	25.16	-5.69	25.80	283	4900	35.39	-12.19	37.43	289	5900	43.61	-17.84	47.12	292
3925	24.89	-6.09	25.62	284	4925	35.90	-12.56	38.03	289	5925	43.75	-18.05	47.33	292
3950	24.76	-6.61	25.63	285	4950	36.61	-12.88	38.81	289	5950	43.80	-18.28	47.46	292
3975	24.39	-7.05	25.39	286	4975	37.31	-13.24	39.59	289	5975	43.78	-18.30	47.45	293
4000	24.03	-6.95	25.01	286	5000	37.79	-13.70	40.19	290	6000	43.78	-18.16	47.39	292
4025	23.75	-6.78	24.70	286	5025	38.17	-13.95	40.64	290	6025	43.73	-17.64	47.15	292
4050	23.75	-7.15	24.80	287	5050	38.72	-14.10	41.20	290	6050	43.92	-17.45	47.26	291
4075	23.97	-7.52	25.12	287	5075	39.11	-14.55	41.73	290	6075	44.28	-17.52	47.62	291
4100	24.08	-7.82	25.31	288	5100	38.98	-15.17	41.83	291	6100	44.67	-17.82	48.09	292
4125	24.35	-8.18	25.68	288	5125	38.63	-15.50	41.62	292	6125	45.12	-18.23	48.66	292
4150	24.53	-8.64	26.01	289	5150	38.49	-15.68	41.56	292	6150	45.51	-18.29	49.05	292
4175	24.66	-9.15	26.30	290	5175	38.50	-16.04	41.71	292	6175	45.63	-18.44	49.21	292
4200	24.97	-9.42	26.69	290	5200	38.50	-16.49	41.88	293	6200	45.54	-18.79	49.26	292
4225	25.41	-9.58	27.15	290	5225	38.44	-16.77	41.94	293	6225	45.60	-18.83	49.34	292
4250	25.92	-9.50	27.60	290	5250	38.39	-17.01	41.99	294	6250	45.73	-18.76	49.43	292
4275	26.31	-9.45	27.95	290	5275	38.41	-17.25	42.10	294	6275	45.64	-18.46	49.24	292

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-48 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1721 03/10/65, 2339Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6300	45.55	-18.09	49.01	291	7300	45.63	-18.11	49.09	291	8300	43.79	-15.77	46.54	290
6325	45.44	-17.81	48.81	291	7325	45.42	-17.56	48.70	291	8325	44.10	-15.80	46.84	290
6350	45.70	-17.99	49.11	291	7350	45.52	-17.28	48.69	291	8350	44.01	-16.65	47.06	291
6375	46.23	-18.67	49.86	292	7375	45.69	-16.83	48.69	290	8375	43.40	-17.33	46.74	292
6400	46.14	-19.25	49.99	292	7400	45.72	-16.46	48.59	290	8400	43.35	-17.09	46.60	291
6425	46.06	-19.44	49.99	293	7425	45.74	-16.59	48.65	290	8425	43.23	-17.34	46.58	292
6450	46.15	-19.23	50.00	292	7450	45.51	-16.54	48.42	290	8450	43.15	-17.72	46.65	292
6475	46.06	-19.14	49.88	292	7475	45.24	-16.62	48.19	290	8475	42.94	-18.66	46.82	293
6500	45.86	-19.14	49.69	292	7500	44.98	-16.86	48.04	290	8500	42.82	-19.32	46.98	294
6525	45.74	-19.05	49.55	292	7525	44.77	-17.13	47.93	291	8525	42.91	-19.20	47.01	294
6550	45.90	-19.11	49.72	292	7550	44.80	-17.19	47.98	291	8550	43.00	-19.21	47.10	294
6575	45.99	-19.86	50.09	293	7575	44.63	-17.18	47.82	291	8575	42.98	-19.74	47.29	294
6600	45.88	-20.81	50.38	294	7600	44.47	-17.28	47.71	291	8600	43.02	-20.80	47.79	296
6625	45.97	-21.11	50.59	294	7625	44.44	-16.83	47.53	291	8625	43.10	-21.62	48.22	296
6650	45.96	-21.29	50.66	295	7650	44.25	-16.69	47.29	290	8650	43.12	-21.82	48.33	297
6675	45.86	-21.52	50.66	295	7675	44.16	-16.92	47.29	291	8675	43.25	-22.05	48.55	297
6700	45.80	-22.03	50.82	296	7700	43.96	-16.70	47.03	291	8700	43.64	-21.33	48.57	296
6725	45.76	-22.07	50.81	296	7725	43.55	-16.84	46.69	291	8725	43.87	-21.05	48.66	295
6750	45.79	-21.49	50.59	295	7750	43.34	-16.81	46.48	291	8750	43.60	-21.88	48.78	296
6775	45.52	-21.23	50.23	295	7775	43.08	-16.78	46.24	291	8775	43.87	-21.21	48.73	296
6800	45.36	-21.11	50.03	295	7800	43.06	-16.94	46.27	291	8800	44.10	-21.30	48.97	296
6825	45.67	-20.81	50.19	294	7825	43.30	-16.27	46.26	290	8825	44.28	-21.30	49.14	296
6850	45.89	-20.21	50.15	294	7850	43.26	-16.01	46.12	290	8850	44.34	-20.88	49.01	295
6875	45.92	-19.68	49.96	293	7875	43.23	-16.22	46.18	290	8875	43.87	-21.83	49.01	296
6900	46.00	-19.27	49.87	293	7900	43.22	-16.26	46.18	290	8900	43.61	-22.24	48.95	297
6925	46.12	-19.57	50.10	293	7925	43.42	-16.02	46.28	290	8925	43.45	-22.10	48.75	297
6950	46.29	-19.54	50.25	293	7950	43.56	-15.88	46.36	290	8950	43.29	-22.60	48.84	297
6975	46.29	-19.19	50.11	292	7975	43.36	-15.88	46.18	290	8975	44.06	-23.08	49.74	297
7000	46.45	-18.96	50.18	292	8000	43.49	-15.72	46.25	290	9000	44.48	-23.25	50.19	297
7025	46.47	-19.06	50.22	292	8025	43.48	-15.58	46.19	290	9025	44.92	-22.05	50.04	296
7050	46.09	-19.08	49.89	292	8050	43.42	-15.59	46.13	290	9050	45.30	-21.53	50.16	295
7075	45.72	-18.89	49.47	292	8075	43.44	-15.81	46.23	290	9075	45.64	-22.44	50.86	296
7100	45.90	-19.31	49.80	293	8100	43.68	-15.29	46.28	289	9100	46.05	-21.71	50.91	295
7125	46.31	-19.17	50.13	292	8125	43.98	-15.09	46.50	289	9125	46.57	-20.57	50.91	294
7150	46.17	-19 45	50.10	293	8150	43.88	-15.66	46.59	289	9150	46.53	-20.80	50.96	294
7175	45.70	-19.94	49.87	293	8175	43.93	-15.99	46.75	290	9175	46.58	-20.15	50.75	293
7200	45.58	-19.98	49.77	293	8200	44.13	-15.55	46.79	289	9200	46.81	-20.21	50.98	293
7225	45.83	-19.53	49.82	293	8225	44.10	-15.40	46.71	289	9225	47.01	-20.32	51.21	293
7250	45.78	-18.77	49.48	292	8250	43.96	-16.23	46.87	290	9250	47.28	-19.70	51.22	292
7275	45.64	-18.50	49.25	292	8275	43.91	-16.10	46.77	290	9275	47.25	-19.47	51.11	292

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1721 03/10/65, 2339Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9300	47.02	-19.60	50.95	292	10300	48.85	-16.36	51.52	288	11300	51.11	-25.44	57.09	296
9325	47.09	-19.34	50.91	292	10325	48.85	-16.86	51.67	289	11325	51.04	-25.52	57.07	296
9350	47.11	-18.66	50.67	291	10350	49.29	-16.44	51.96	288	11350	50.46	-25.35	56.47	296
9375	46.99	-18.13	50.37	291	10375	49.22	-16.81	52.01	289	11375	49.84	-25.13	55.82	297
9400	46.98	-18.65	50.54	291	10400	49.23	-16.66	51.97	289	11400	49.40	-25.84	55.75	297
9425	46.79	-18.81	50.43	292	10425	49.56	-16.87	52.35	289	11425	49.44	-25.61	55.68	297
9450	47.07	-18.19	50.47	291	10450	49.56	-17.58	52.59	289	11450	49.61	-24.68	55.41	296
9475	46.91	-17.71	50.14	291	10475	49.85	-18.30	53.10	290	11475	49.56	-24.96	55.49	297
9500	46.74	-17.39	49.87	290	10500	50.15	-18.42	53.43	290	11500	49.20	-25.79	55.55	297
9525	46.71	-17.33	49.82	290	10525	50.29	-18.44	53.56	290	11525	49.09	-25.73	55.43	297
9550	46.52	-16.99	49.53	290	10550	50.03	-18.97	53.51	291	11550	49.17	-25.38	55.33	297
9575	46.90	-16.98	49.88	290	10575	49.79	-19.81	53.59	292	11575	49.21	-25.69	55.51	297
9600	46.68	-17.10	49.71	290	10600	49.87	-20.37	53.87	292	11600	49.43	-25.83	55.77	297
9625	46.95	-16.32	49.71	289	10625	49.85	-20.91	54.06	293	11625	49.44	-25.78	55.75	297
9650	46.91	-16.62	49.77	289	10650	50.04	-21.31	54.39	293	11650	49.54	-25.62	55.77	297
9675	46.78	-16.66	49.66	289	10675	50.58	-21.97	55.14	293	11675	49.68	-25.39	55.79	297
9700	47.03	-16.37	49.80	289	10700	50.97	-23.00	55.92	294	11700	49.67	-25.36	55.77	297
9725	47.37	-16.32	50.11	289	10725	50.75	-23.88	56.09	295	11725	49.99	-25.18	55.97	297
9750	47.64	-15.85	50.20	288	10750	51.30	-22.02	55.83	293	11750	50.07	-25.06	55.99	296
9775	47.48	-16.10	50.13	289	10775	51.00	-24.13	56.42	295	11775	50.42	-25.32	56.42	296
9800	47.51	-16.42	50.27	289	10800	50.50	-26.27	56.92	297	11800	50.51	-25.39	56.53	297
9825	47.77	-16.20	50.44	289	10825	51.12	-24.82	56.83	296	11825	50.24	-25.46	56.32	297
9850	48.02	-15.67	50.51	288	10850	51.52	-24.56	57.07	295	11850	50.40	-25.41	56.44	297
9875	47.51	-15.95	50.12	288	10875	51.54	-23.94	56.83	295	11875	50.45	-25.46	56.51	297
9900	47.59	-16.23	50.28	289	10900	51.41	-23.96	56.72	295	11900	50.69	-25.50	56.74	297
9925	48.47	-15.41	50.86	287	10925	51.39	-24.03	56.73	295	11925	50.99	-25.43	56.98	296
9950	48.41	-15.73	50.90	288	10950	51.13	-24.10	56.52	295	11950	50.94	-25.56	56.99	296
9975	48.18	-16.17	50.82	288	10975	51.26	-23.84	56.54	295	11975	51.32	-26.32	57.68	297
10000	48.25	-16.01	50.84	288	11000	51.60	-23.79	56.82	295	12000	51.53	-27.01	58.18	297
10025	48.25	-16.16	50.88	288	11025	51.54	-24.33	57.00	295	12025	51.40	-26.93	58.03	297
10050	48.28	-16.06	50.88	288	11050	51.54	-24.37	57.01	295	12050	51.67	-26.77	58.20	297
10075	48.37	-16.18	51.01	288	11075	52.30	-24.33	57.68	295	12075	51.84	-27.36	58.62	298
10100	48.43	-16.31	51.11	288	11100	52.55	-24.65	58.04	295	12100	51.88	-27.89	58.90	298
10125	48.05	-17.42	51.11	290	11125	51.97	-25.64	57.96	296	12125	52.02	-27.30	58.75	298
10150	48.52	-16.70	51.31	289	11150	52.17	-25.39	58.02	296	12150	51.68	-27.30	58.45	298
10175	49.02	-15.70	51.48	288	11175	52.19	-24.94	57.84	295	12175	51.84	-28.09	58.96	298
10200	49.00	-16.36	51.66	288	11200	51.86	-25.12	57.62	296	12200	51.72	-27.75	58.70	298
10225	48.94	-16.14	51.53	288	11225	51.69	-25.40	57.59	296	12225	51.22	-27.11	57.95	298
10250	48.92	-16.54	51.64	289	11250	51.30	-25.96	57.50	297	12250	51.22	-27.22	58.00	298
10275	48.89	-16.67	51.65	289	11275	51.01	-25.95	57.23	297	12275	51.43	-27.40	58.27	298

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-48 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1721 03/10/65, 2339Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12300	51.53	-27.79	58.55	298	13300	57.14	-17.68	59.81	287	14300	51.41	-22.02	55.93	293
12325	51.72	-28.17	58.89	298	13325	56.73	-18.50	59.67	288	14325	51.33	-22.71	56.13	294
12350	52.14	-28.01	59.19	298	13350	56.93	-17.78	59.64	287	14350	50.59	-24.79	56.34	296
12375	52.50	-27.75	59.38	298	13375	57.61	-16.82	60.01	286	14375	50.54	-23.73	55.83	295
12400	52.29	-27.69	59.17	298	13400	57.12	-17.43	59.72	287	14400	50.33	-23.81	55.68	295
12425	52.07	-27.52	58.89	298	13425	57.18	-16.86	59.61	286	14425	49.17	-24.96	55.14	297
12450	52.02	-27.53	58.85	298	13450	57.69	-15.89	59.84	285	14450	48.28	-25.03	54.38	297
12475	52.06	-27.66	58.95	298	13475	57.78	-15.54	59.84	285	14475	47.11	-24.22	52.97	297
12500	52.59	-25.96	58.65	296	13500	57.34	-14.90	59.25	284	14500	46.36	-23.83	52.13	297
12525	53.13	-25.81	59.07	296	13525	57.19	-14.36	58.96	284	14525	45.60	-24.41	51.72	298
12550	53.16	-26.46	59.38	296	13550	56.67	-14.59	58.52	284	14550	45.17	-22.97	50.67	297
12575	53.01	-26.10	59.09	296	13575	56.66	-13.18	58.17	283	14575	45.08	-21.90	50.12	296
12600	52.76	-25.46	58.58	296	13600	56.76	-11.28	57.87	281	14600	44.83	-22.05	49.96	296
12625	52.83	-25.15	58.51	295	13625	55.99	-10.94	57.05	281	14625	44.58	-21.47	49.48	296
12650	53.08	-25.19	58.75	295	13650	54.91	-11.28	56.05	281	14650	43.67	-20.78	48.36	295
12675	53.48	-25.12	59.09	295	13675	54.64	-10.94	55.72	281	14675	43.75	-19.68	47.98	294
12700	53.50	-24.68	58.92	295	13700	53.90	-12.73	55.38	283	14700	43.13	-18.98	47.12	294
12725	52.97	-24.22	58.25	294	13725	53.98	-13.33	55.61	284	14725	42.14	-19.75	46.54	295
12750	53.06	-23.71	58.12	294	13750	53.97	-14.65	55.92	285	14750	42.69	-18.22	46.41	293
12775	52.83	-23.19	57.69	294	13775	54.68	-14.57	56.59	285	14775	43.15	-17.55	46.58	292
12800	52.21	-22.35	56.79	293	13800	54.84	-14.61	56.76	285	14800	43.01	-17.56	46.46	292
12825	51.92	-22.20	56.47	293	13825	54.82	-15.12	56.87	285	14825	43.48	-15.25	46.07	289
12850	51.52	-21.65	55.88	293	13850	54.80	-15.63	56.98	286	14850	44.00	-15.24	46.57	289
12875	51.19	-21.26	55.43	292	13875	55.18	-16.92	57.72	287	14875	44.22	-14.91	46.67	288
12900	51.03	-20.91	55.14	292	13900	55.33	-16.68	57.79	287	14900	43.95	-14.45	46.26	288
12925	51.17	-20.19	55.01	291	13925	55.33	-16.10	57.62	286	14925	43.59	-14.28	45.87	288
12950	51.30	-18.71	54.61	290	13950	54.92	-17.57	57.66	288	14950	44.39	-12.72	46.18	286
12975	51.45	-18.51	54.68	290	13975	54.83	-17.42	57.53	287	14975	44.11	-12.32	45.80	285
13000	51.72	-18.34	54.87	289	14000	54.43	-17.14	57.07	287	15000	43.99	-13.07	45.89	286
13025	51.86	-18.00	54.89	289	14025	54.66	-17.88	57.51	288	15025	44.53	-12.93	46.36	286
13050	51.88	-17.61	54.79	289	14050	54.79	-17.95	57.65	288	15050	44.90	-12.77	46.68	286
13075	52.48	-16.80	55.10	288	14075	54.14	-18.34	57.16	289	15075	44.80	-12.95	46.64	286
13100	52.35	-17.44	55.18	288	14100	53.58	-17.66	56.42	288	15100	44.42	-13.08	46.30	286
13125	52.52	-17.50	55.30	288	14125	53.61	-19.03	56.89	289	15125	45.06	-12.32	46.71	285
13150	53.31	-17.11	55.99	288	14150	53.39	-19.78	56.93	290	15150	45.38	-13.11	47.42	287
13175	53.64	-17.21	56.34	288	14175	53.43	-20.79	57.34	291	15175	45.34	-14.40	47.57	287
13200	53.66	-17.60	56.47	288	14200	53.23	-19.80	56.79	290	15200	45.33	-13.35	47.25	286
13225	54.90	-17.11	57.51	287	14225	52.25	-20.44	56.11	291	15225	44.33	-14.47	46.63	288
13250	55.66	-17.09	58.22	287	14250	51.66	-21.90	56.11	293	15250	44.39	-14.34	46.65	288
13275	56.03	-17.97	58.84	288	14275	51.49	-21.34	55.74	292	15275	44.54	-14.16	46.73	287

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1721 03/10/65, 2339Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15300	44.68	-13.98	46.82	287										
15325	45.52	-14.43	47.75	287										
15350	45.17	-16.32	48.03	290										
15375	45.07	-15.68	47.72	289										
15400	44.95	-14.51	47.23	288										
15425	44.59	-14.66	46.93	288										
15450	44.22	-14.80	46.63	288										
15475	43.75	-13.15	45.68	287										
15500	43.37	-13.27	45.36	287										
15525	43.33	-12.30	45.04	286										
15550	43.28	-11.32	44.73	284										
15575	43.14	-10.26	44.34	283										
15600	42.42	-9.23	43.41	282										
15625	42.51	-8.40	43.34	281										
15650	42.12	-8.20	42.92	281										
15675	42.36	-7.95	43.10	280										
15700	42.45	-7.46	43.10	280										
15725	41.72	-7.53	42.39	280										
15750	41.84	-7.35	42.48	280										
15775	42.77	-6.19	43.22	278										
15800	42.65	-6.30	43.12	278										
15825	42.53	-6.42	43.02	278										
15850	42.41	-6.54	42.92	279										
15875	42.29	-6.66	42.82	279										
15900	41.73	-6.96	42.30	279										
15925	41.16	-7.26	41.80	280										
15950	40.76	-5.52	41.13	278										
15975	39.77	-7.31	40.44	280										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-49

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1640 03/11/65, 0130Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1225	12.66	-2.01	12.82	279	2225	18.90	-2.63	19.08	278	3225	19.61	-4.42	20.10	283
1250	12.55	-1.82	12.69	278	2250	18.61	-2.76	18.82	278	3250	19.77	-3.91	20.16	281
1275	12.56	-1.72	12.68	278	2275	18.55	-2.85	18.77	279	3275	19.80	-3.27	20.07	279
1300	12.48	-1.64	12.59	277	2300	18.53	-2.87	18.75	279	3300	19.97	-2.89	20.18	278
1325	12.59	-1.43	12.67	276	2325	18.28	-3.17	18.55	280	3325	20.56	-3.00	20.78	278
1350	12.65	-1.07	12.70	275	2350	18.14	-3.65	18.50	281	3350	21.20	-3.49	21.48	279
1375	12.75	-0.73	12.77	273	2375	18.86	-4.63	19.42	284	3375	21.83	-3.99	22.19	280
1400	12.86	-0.29	12.86	271	2400	19.48	-5.19	20.16	285	3400	22.29	-4.19	22.68	280
1425	13.08	0.25	13.08	269	2425	19.50	-5.13	20.16	285	3425	22.60	-3.96	22.94	280
1450	13.26	0.73	13.28	267	2450	19.50	-5.23	20.19	285	3450	22.96	-3.68	23.26	279
1475	13.14	1.14	13.19	265	2475	19.26	-5.38	20.00	285	3475	23.26	-3.54	23.53	278
1500	13.16	1.49	13.24	263	2500	18.99	-5.73	19.83	287	3500	23.54	-3.34	23.77	278
1525	13.42	1.72	13.53	263	2525	18.81	-6.12	19.78	288	3525	23.61	-2.96	23.80	277
1550	13.86	1.73	13.96	263	2550	18.56	-6.28	19.60	289	3550	23.63	-2.60	23.77	276
1575	14.16	1.43	14.23	264	2575	18.34	-6.37	19.42	289	3575	23.81	-2.77	23.97	276
1600	14.43	1.04	14.47	266	2600	18.02	-6.52	19.16	290	3600	23.96	-3.14	24.16	277
1625	14.72	0.67	14.74	267	2625	17.58	-6.61	18.78	290	3625	23.96	-3.36	24.20	278
1650	14.70	0.39	14.71	268	2650	17.34	-6.71	18.59	291	3650	23.84	-3.78	24.14	279
1675	14.66	0.27	14.66	269	2675	17.13	-6.72	18.40	291	3675	23.77	-4.30	24.16	280
1700	15.02	0.17	15.02	269	2700	16.85	-6.50	18.06	291	3700	23.81	-4.81	24.29	281
1725	15.36	0.15	15.36	269	2725	16.69	-6.32	17.85	291	3725	24.05	-5.38	24.64	282
1750	14.95	0.19	14.95	269	2750	16.51	-6.18	17.63	290	3750	24.10	-5.68	24.76	283
1775	14.47	0.26	14.47	269	2775	16.33	-6.06	17.42	290	3775	23.76	-5.80	24.46	284
1800	14.56	0.45	14.57	268	2800	16.19	-6.02	17.27	290	3800	23.48	-5.84	24.20	284
1825	14.78	0.69	14.80	267	2825	16.54	-5.99	17.59	290	3825	23.25	-5.83	23.97	284
1850	14.39	0.83	14.42	267	2850	17.60	-5.62	18.47	288	3850	23.09	-6.00	23.85	284
1875	14.06	0.77	14.09	267	2875	18.72	-4.92	19.36	285	3875	23.15	-6.20	23.96	285
1900	14.48	0.73	14.50	267	2900	19.51	-4.75	20.08	284	3900	23.22	-6.43	24.10	285
1925	14.76	0.77	14.78	267	2925	20.02	-4.80	20.59	283	3925	23.38	-6.79	24.35	286
1950	14.74	0.72	14.75	267	2950	20.38	-4.83	20.94	283	3950	23.53	-6.89	24.52	286
1975	15.09	0.44	15.10	268	2975	20.54	-5.18	21.18	284	3975	23.70	-6.82	24.67	286
2000	15.68	-0.03	15.68	270	3000	20.50	-5.32	21.18	284	4000	23.87	-6.56	24.75	285
2025	15.84	-0.18	15.84	270	3025	20.48	-5.35	21.17	284	4025	23.84	-6.05	24.60	284
2050	15.79	-0.02	15.79	270	3050	20.31	-5.46	21.03	285	4050	24.07	-5.93	24.79	284
2075	16.05	-0.24	16.05	271	3075	20.19	-5.33	20.88	285	4075	24.30	-6.26	25.09	284
2100	17.32	-0.80	17.34	272	3100	20.06	-5.02	20.68	284	4100	24.56	-6.52	25.41	285
2125	18.14	-1.49	18.21	275	3125	19.93	-4.92	20.53	284	4125	24.57	-6.68	25.46	285
2150	18.18	-1.99	18.29	276	3150	19.83	-4.92	20.43	284	4150	24.37	-6.98	25.35	286
2175	18.44	-2.21	18.57	277	3175	19.84	-4.96	20.45	284	4175	24.07	-7.22	25.13	287
2200	18.78	-2.45	18.94	277	3200	19.75	-4.85	20.34	284	4200	23.72	-7.46	24.87	287

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1640 03/11/65, 0130Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4225	23.78	-7.76	25.01	288	5225	37.89	-14.51	40.57	291	6225	42.32	-16.43	45.40	291
4250	23.73	-8.07	25.07	289	5250	37.80	-14.86	40.62	291	6250	42.37	-16.87	45.60	292
4275	23.50	-8.55	25.00	290	5275	37.87	-15.05	40.75	291	6275	42.30	-17.46	45.76	292
4300	23.39	-9.01	25.07	291	5300	37.98	-15.04	40.85	291	6300	42.38	-17.86	45.99	293
4325	23.67	-9.60	25.55	292	5325	38.23	-15.21	41.14	292	6325	42.22	-18.86	46.24	294
4350	24.13	-9.97	26.11	292	5350	38.46	-15.56	41.49	292	6350	42.31	-19.74	46.69	295
4375	24.60	-9.54	26.38	291	5375	38.73	-15.76	41.81	292	6375	42.03	-20.79	46.89	296
4400	24.98	-8.94	26.54	290	5400	39.09	-15.99	42.24	292	6400	41.95	-21.52	47.15	297
4425	25.46	-8.94	26.98	289	5425	39.33	-16.28	42.57	292	6425	42.39	-21.58	47.57	297
4450	25.92	-9.31	27.54	290	5450	39.47	-16.33	42.71	292	6450	42.75	-21.82	48.00	297
4475	26.24	-9.93	28.06	291	5475	39.47	-16.39	42.74	292	6475	42.78	-21.96	48.09	297
4500	26.67	-10.88	28.81	292	5500	39.47	-16.63	42.83	293	6500	42.80	-21.99	48.12	297
4525	27.12	-11.59	29.49	293	5525	39.42	-16.90	42.89	293	6525	43.13	-21.72	48.29	297
4550	27.47	-11.99	29.97	293	5550	39.46	-17.16	43.03	293	6550	43.45	-21.16	48.33	296
4575	27.73	-12.21	30.30	294	5575	39.47	-17.34	43.11	294	6575	43.85	-20.55	48.42	295
4600	27.99	-12.27	30.56	294	5600	39.59	-17.71	43.37	294	6600	43.97	-20.28	48.42	295
4625	28.10	-12.46	30.74	294	5625	39.83	-18.18	43.78	294	6625	43.97	-19.89	48.26	294
4650	28.48	-12.85	31.24	294	5650	39.99	-18.68	44.14	295	6650	43.92	-19.18	47.92	293
4675	29.05	-12.85	31.76	294	5675	40.22	-19.11	44.53	295	6675	43.76	-18.91	47.67	293
4700	29.51	-12.61	32.09	293	5700	40.28	-19.55	44.78	296	6700	43.91	-18.48	47.64	293
4725	30.14	-12.45	32.61	292	5725	40.27	-19.73	44.84	296	6725	43.77	-17.74	47.23	292
4750	30.69	-12.51	33.14	292	5750	40.14	-19.55	44.65	296	6750	43.24	-16.79	46.39	291
4775	31.16	-12.77	33.68	292	5775	40.00	-19.61	44.55	296	6775	42.90	-16.16	45.84	290
4800	32.04	-13.04	34.59	292	5800	40.23	-19.74	44.81	296	6800	42.51	-16.70	45.67	291
4825	32.96	-12.98	35.42	291	5825	40.30	-19.77	44.89	296	6825	42.64	-16.86	45.85	291
4850	33.60	-12.90	35.99	291	5850	40.19	-19.97	44.88	296	6850	42.72	-16.88	45.93	291
4875	34.25	-13.17	36.69	291	5875	40.46	-20.07	45.16	296	6875	42.79	-17.18	46.11	292
4900	34.84	-13.46	37.35	291	5900	40.72	-20.13	45.43	296	6900	42.99	-17.11	46.27	292
4925	35.40	-13.67	37.95	291	5925	40.88	-20.07	45.54	296	6925	43.40	-16.89	46.57	291
4950	36.06	-13.74	38.59	291	5950	41.23	-19.74	45.71	295	6950	43.44	-16.88	46.61	291
4975	36.82	-13.54	39.23	290	5975	41.55	-19.10	45.73	295	6975	43.15	-17.20	46.45	292
5000	37.65	-13.10	39.86	289	6000	41.77	-18.38	45.64	294	7000	42.97	-17.51	46.40	292
5025	38.16	-12.84	40.26	288	6025	41.92	-18.24	45.71	293	7025	43.05	-17.45	46.45	292
5050	38.59	-12.79	40.65	288	6050	41.88	-17.89	45.54	293	7050	43.09	-17.27	46.42	292
5075	38.74	-12.73	40.78	288	6075	42.09	-17.13	45.44	292	7075	42.80	-17.71	46.32	292
5100	38.49	-12.99	40.62	288	6100	42.30	-16.78	45.51	291	7100	42.61	-17.67	46.13	292
5125	38.40	-13.16	40.59	289	6125	41.99	-16.46	45.10	291	7125	42.33	-17.44	45.79	292
5150	38.34	-13.08	40.51	289	6150	41.73	-16.08	44.72	291	7150	41.64	-17.36	45.12	292
5175	38.03	-13.42	40.33	289	6175	41.81	-16.22	44.85	291	7175	41.32	-16.78	44.60	292
5200	37.90	-14.08	40.44	290	6200	41.91	-16.50	45.05	291	7200	41.27	-16.64	44.50	292

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-49 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1640 03/11/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7225	41.15	-16.88	44.48	292	8225	41.11	-21.74	46.50	298	9225	45.82	-18.37	49.36	292
7250	41.19	-17.16	44.62	292	8250	41.46	-21.67	46.78	297	9250	45.75	-18.07	49.19	291
7275	41.38	-17.11	44.78	292	8275	41.47	-21.97	46.93	298	9275	45.72	-18.23	49.23	292
7300	41.47	-16.62	44.68	292	8300	41.53	-22.23	47.10	298	9300	45.89	-18.51	49.48	292
7325	41.20	-16.56	44.41	292	8325	41.51	-22.17	47.06	298	9325	46.09	-18.37	49.61	292
7350	40.99	-16.96	44.36	292	8350	41.25	-22.49	46.98	298	9350	46.11	-17.92	49.47	291
7375	40.91	-17.09	44.34	293	8375	41.13	-22.92	47.09	299	9375	46.04	-18.04	49.45	291
7400	41.10	-16.96	44.46	292	8400	41.35	-22.80	47.22	299	9400	45.94	-18.64	49.58	292
7425	41.62	-17.28	45.07	292	8425	42.15	-21.53	47.33	297	9425	45.79	-18.57	49.41	292
7450	41.84	-17.22	45.24	292	8450	42.37	-21.04	47.31	296	9450	46.06	-18.48	49.63	292
7475	41.78	-17.65	45.35	293	8475	42.00	-21.83	47.33	297	9475	46.26	-18.47	49.81	292
7500	41.61	-18.62	45.58	294	8500	41.81	-22.22	47.35	298	9500	46.16	-18.09	49.58	291
7525	41.56	-19.00	45.70	294	8525	41.96	-21.86	47.31	297	9525	46.34	-18.49	49.89	292
7550	41.83	-19.20	46.03	294	8550	42.15	-21.89	47.50	297	9550	46.50	-18.92	50.20	292
7575	42.06	-19.55	46.38	295	8575	41.99	-22.20	47.50	298	9575	46.60	-19.13	50.37	292
7600	41.92	-19.85	46.38	295	8600	42.60	-20.88	47.44	296	9600	46.56	-19.25	50.39	292
7625	41.72	-20.36	46.42	296	8625	43.12	-20.39	47.69	295	9625	46.49	-19.29	50.33	292
7650	41.61	-20.11	46.22	296	8650	43.92	-19.38	48.01	294	9650	46.50	-19.35	50.36	292
7675	41.33	-19.61	45.75	295	8675	44.63	-18.85	48.45	293	9675	46.30	-19.95	50.42	293
7700	41.60	-19.24	45.83	295	8700	44.64	-19.01	48.52	293	9700	46.17	-20.50	50.51	294
7725	41.93	-19.11	46.08	294	8725	44.66	-19.17	48.60	293	9725	46.41	-20.54	50.75	294
7750	41.90	-18.81	45.93	294	8750	44.91	-19.01	48.77	293	9750	46.65	-20.47	50.95	294
7775	41.61	-18.73	45.63	294	8775	44.99	-18.79	48.76	292	9775	46.55	-20.85	51.00	294
7800	41.39	-18.60	45.38	294	8800	45.00	-18.88	48.80	293	9800	46.39	-20.93	50.89	294
7825	41.46	-17.81	45.13	293	8825	45.40	-18.93	49.19	292	9825	46.47	-21.00	50.99	294
7850	41.46	-17.90	45.16	293	8850	45.49	-18.72	49.19	292	9850	46.96	-21.03	51.46	294
7875	41.36	-18.45	45.29	294	8875	45.21	-18.67	48.92	292	9875	47.16	-21.09	51.66	294
7900	41.44	-18.52	45.39	294	8900	45.00	-18.86	48.79	293	9900	46.89	-21.27	51.49	294
7925	41.27	-18.47	45.22	294	8925	44.85	-18.73	48.61	292	9925	46.83	-20.74	51.22	294
7950	40.92	-18.54	44.93	294	8950	45.21	-18.61	48.89	292	9950	46.88	-20.51	51.18	293
7975	41.02	-18.44	44.97	294	8975	45.34	-18.86	49.11	292	9975	46.72	-20.83	51.15	294
8000	41.48	-18.37	45.37	294	9000	45.39	-18.77	49.12	292	10000	46.97	-20.62	51.30	294
8025	41.54	-19.35	45.83	295	9025	45.40	-18.53	49.03	292	10025	47.15	-20.35	51.35	293
8050	41.30	-19.90	45.84	296	9050	45.50	-18.68	48.96	291	10050	46.97	-20.05	51.07	293
8075	41.55	-19.38	45.85	295	9075	45.33	-18.34	48.90	292	10075	46.41	-19.56	50.36	293
8100	41.61	-19.68	46.03	295	9100	45.14	-18.93	48.95	293	10100	46.43	-19.62	50.41	293
8125	41.48	-20.36	46.21	296	9125	45.19	-18.34	48.77	292	10125	46.96	-19.70	50.93	293
8150	41.21	-21.34	46.41	297	9150	45.64	-17.90	49.02	291	10150	47.45	-19.89	51.45	293
8175	41.46	-21.65	46.77	297	9175	45.57	-18.13	49.04	292	10175	47.59	-20.04	51.64	293
8200	41.40	-21.41	46.61	297	9200	45.22	-18.51	48.86	292	10200	47.25	-20.26	51.41	293

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1640 03/11/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10225	47.32	-20.11	51.41	293	11225	48.90	-23.03	54.05	295	12225	51.63	-25.79	57.71	296
10250	47.68	-20.23	51.79	293	11250	48.04	-23.10	53.30	296	12250	52.18	-25.86	58.24	296
10275	47.49	-20.68	51.80	293	11275	48.70	-22.94	53.83	295	12275	52.74	-25.82	58.72	296
10300	47.83	-20.01	51.85	293	11300	49.16	-22.40	54.02	294	12300	52.85	-25.81	58.81	296
10325	47.75	-19.30	51.50	292	11325	49.25	-22.31	54.07	294	12325	53.10	-25.47	58.89	295
10350	47.09	-18.48	50.59	291	11350	49.55	-22.46	54.41	294	12350	53.05	-25.87	59.02	296
10375	47.37	-18.49	50.85	291	11375	49.98	-22.20	54.69	294	12375	52.62	-26.34	58.85	296
10400	47.77	-18.32	51.16	291	11400	50.30	-22.16	54.97	294	12400	52.97	-25.99	59.00	296
10425	48.04	-17.97	51.29	290	11425	50.45	-22.68	55.32	294	12425	53.15	-25.77	59.07	296
10450	48.31	-17.94	51.54	290	11450	50.57	-22.91	55.52	294	12450	53.02	-26.45	59.25	296
10475	48.75	-17.78	51.89	290	11475	50.59	-22.76	55.48	294	12475	53.44	-26.63	59.71	296
10500	49.02	-17.63	52.10	290	11500	50.47	-22.52	55.27	294	12500	53.51	-26.63	59.77	296
10525	49.08	-17.34	52.05	289	11525	50.23	-22.87	55.19	294	12525	53.50	-26.41	59.66	296
10550	49.21	-17.31	52.16	289	11550	50.38	-22.85	55.32	294	12550	54.03	-26.82	60.32	296
10575	49.58	-17.08	52.44	289	11575	50.68	-23.18	55.72	294	12575	54.20	-27.05	60.58	296
10600	49.57	-17.06	52.42	289	11600	50.51	-23.17	55.57	294	12600	54.21	-27.28	60.69	297
10625	49.69	-17.55	52.70	289	11625	50.55	-23.60	55.79	295	12625	54.21	-27.75	60.90	297
10650	50.06	-17.34	52.98	289	11650	50.54	-24.31	56.09	296	12650	54.10	-28.16	60.99	297
10675	50.02	-17.23	52.90	289	11675	50.30	-23.95	55.71	295	12675	53.99	-28.20	60.91	297
10700	49.78	-17.29	52.69	289	11700	50.79	-24.00	56.18	295	12700	54.10	-26.81	60.38	296
10725	50.06	-17.56	53.05	289	11725	50.67	-24.06	56.09	295	12725	54.38	-26.71	60.59	296
10750	50.18	-17.59	53.18	289	11750	50.85	-23.31	55.94	294	12750	54.36	-26.99	60.69	296
10775	49.91	-18.40	53.19	290	11775	50.88	-23.18	55.91	294	12775	54.21	-26.78	60.47	296
10800	50.53	-18.46	53.80	290	11800	50.32	-24.52	55.97	296	12800	53.79	-27.15	60.26	297
10825	50.92	-18.46	54.16	290	11825	50.52	-24.12	55.98	295	12825	53.17	-27.50	59.86	297
10850	50.94	-19.40	54.51	291	11850	51.04	-22.78	55.90	294	12850	52.76	-27.37	59.44	297
10875	50.90	-19.90	54.66	291	11875	51.10	-23.12	56.09	294	12875	53.99	-25.98	59.92	296
10900	50.82	-20.02	54.62	291	11900	51.82	-23.31	56.82	294	12900	53.98	-26.03	59.92	296
10925	50.80	-20.75	54.87	292	11925	51.97	-23.23	56.93	294	12925	54.05	-25.61	59.81	295
10950	50.62	-21.27	54.90	293	11950	52.13	-23.14	57.03	294	12950	54.59	-25.18	60.12	295
10975	50.33	-21.31	54.66	293	11975	52.17	-24.10	57.47	295	12975	54.48	-25.46	60.14	295
11000	50.08	-21.25	54.41	293	12000	52.29	-24.01	57.54	294	13000	54.58	-25.02	60.04	294
11025	50.06	-21.71	54.56	293	12025	51.78	-23.57	56.89	294	13025	55.06	-24.03	60.08	293
11050	49.76	-22.27	54.51	294	12050	52.03	-24.54	57.53	295	13050	54.62	-24.08	59.69	294
11075	49.36	-22.14	54.10	294	12075	52.06	-24.41	57.50	295	13075	54.31	-23.86	59.32	294
11100	49.03	-22.39	53.90	294	12100	52.39	-23.97	57.61	294	13100	54.69	-23.22	59.42	293
11125	49.15	-22.77	54.17	295	12125	52.39	-24.44	57.81	295	13125	54.18	-22.53	58.68	292
11150	49.36	-22.52	54.26	294	12150	51.73	-25.40	57.63	296	13150	54.28	-23.03	58.97	293
11175	49.50	-22.58	54.40	294	12175	51.73	-26.20	57.99	297	13175	54.52	-22.18	58.85	292
11200	49.45	-23.09	54.58	295	12200	51.94	-25.69	57.94	296	13200	53.85	-21.30	57.91	291

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-49 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1640 03/11/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13225	53.04	-20.49	56.86	291	14225	51.56	-26.99	58.20	297	15225	42.66	-13.45	44.73	287
13250	53.12	-18.91	56.39	289	14250	51.57	-27.57	58.47	298	15250	43.35	-12.37	45.08	286
13275	53.55	-19.13	56.87	289	14275	51.68	-26.77	58.20	297	15275	43.53	-11.41	45.00	285
13300	53.99	-20.01	57.58	290	14300	50.62	-28.65	58.16	299	15300	41.74	-10.49	43.04	284
13325	54.48	-20.07	58.06	290	14325	50.87	-28.36	58.25	299	15325	42.43	-14.07	44.70	288
13350	54.68	-20.46	58.38	290	14350	50.48	-28.18	57.82	299	15350	42.88	-15.14	45.48	289
13375	54.05	-21.49	58.16	292	14375	48.67	-29.13	56.72	301	15375	43.47	-15.33	46.09	289
13400	55.60	-20.52	59.27	290	14400	48.20	-29.13	56.32	301	15400	44.21	-14.30	46.46	288
13425	55.74	-20.75	59.48	290	14425	47.15	-27.75	54.72	300	15425	44.21	-13.51	46.23	287
13450	55.78	-21.61	59.82	291	14450	46.54	-27.23	53.92	300	15450	42.85	-15.67	45.63	290
13475	56.10	-21.65	60.13	291	14475	46.08	-27.66	53.74	301	15475	42.48	-16.21	45.47	291
13500	56.42	-21.69	60.45	291	14500	45.99	-25.11	52.40	298	15500	42.19	-13.85	44.40	288
13525	57.25	-21.97	61.32	291	14525	45.69	-25.21	52.19	299	15525	41.91	-13.29	43.97	287
13550	57.88	-21.13	61.62	290	14550	44.83	-23.27	50.51	297	15550	40.72	-11.90	42.43	286
13575	57.78	-20.55	61.32	289	14575	44.82	-22.95	50.35	297	15575	40.90	-11.51	42.49	286
13600	57.40	-20.06	60.81	289	14600	44.57	-22.18	49.78	296	15600	41.08	-11.11	42.55	285
13625	57.21	-20.29	60.70	289	14625	44.35	-21.91	49.47	296	15625	41.28	-9.39	42.34	283
13650	57.38	-20.75	61.02	290	14650	43.83	-22.53	49.28	297	15650	41.09	-8.29	41.92	281
13675	57.23	-20.31	60.73	289	14675	43.58	-21.44	48.57	296	15675	40.67	-7.69	41.39	281
13700	56.26	-19.37	59.51	289	14700	43.92	-20.44	48.44	295	15700	40.22	-5.15	40.54	277
13725	55.87	-19.41	59.15	289	14725	44.23	-21.54	49.19	296	15725	41.11	-7.13	41.72	280
13750	55.81	-19.17	59.02	289	14750	43.93	-21.59	48.95	296	15750	41.49	-7.04	42.08	279
13775	55.73	-19.27	58.97	289	14775	41.16	-20.80	46.11	297	15775	41.51	-5.83	41.91	278
13800	55.19	-19.52	58.54	289	14800	42.23	-18.76	46.21	294	15800	40.91	-5.27	41.25	277
13825	55.16	-18.19	58.08	288	14825	42.00	-18.46	45.88	294	15825	39.43	-4.19	39.66	276
13850	55.03	-17.35	57.70	287	14850	40.23	-16.74	43.58	292	15850	40.29	-5.57	40.67	278
13875	54.74	-17.36	57.43	287	14875	40.50	-16.24	43.64	292	15875	40.62	-5.28	40.96	277
13900	55.63	-15.22	57.68	285	14900	40.77	-15.74	43.71	291	15900	40.68	-4.41	40.92	276
13925	56.19	-16.22	58.49	286	14925	40.87	-14.37	43.32	289	15925	39.97	-4.46	40.22	276
13950	56.41	-17.43	59.04	287	14950	38.16	-13.76	40.56	290	15950	39.71	-4.71	39.99	277
13975	56.03	-18.38	58.96	288	14975	41.11	-14.53	43.60	289	15975	39.28	-4.91	39.58	277
14000	55.70	-19.32	58.96	289	15000	41.12	-14.41	43.57	289	16000	39.36	-4.14	39.58	276
14025	55.20	-19.76	58.63	290	15025	39.97	-13.03	42.04	288					
14050	55.68	-18.27	58.60	288	15050	39.98	-11.45	41.59	286					
14075	55.92	-18.24	58.82	288	15075	40.70	-13.16	42.77	288					
14100	55.80	-18.51	58.79	288	15100	40.61	-13.82	42.89	289					
14125	55.26	-20.03	58.77	290	15125	41.21	-12.64	43.11	287					
14150	54.81	-21.48	58.87	291	15150	41.53	-11.89	43.20	286					
14175	53.93	-24.11	59.08	294	15175	42.17	-12.61	44.02	286					
14200	53.57	-24.61	58.95	294	15200	42.30	-12.96	44.24	287					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-50

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1642 03/12/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	-5.01	0.06	5.01	91	1175	6.00	1.34	6.15	257	2175	10.66	-2.81	11.02	285
200	-5.12	0.32	5.13	93	1200	6.36	1.57	6.55	256	2200	10.94	-2.69	11.26	284
225	-5.42	0.44	5.43	94	1225	6.94	1.67	7.14	256	2225	10.74	-2.73	11.08	284
250	-5.70	0.64	5.73	96	1250	7.73	1.67	7.91	258	2250	10.68	-3.00	11.10	286
275	-6.00	0.92	6.07	99	1275	8.09	1.74	8.28	258	2275	10.92	-3.27	11.40	286
300	-6.17	1.21	6.29	101	1300	8.02	1.97	8.26	256	2300	11.15	-3.46	11.67	287
325	-6.24	1.58	6.44	104	1325	8.06	2.21	8.36	254	2325	11.35	-3.69	11.94	288
350	-6.01	2.10	6.37	109	1350	8.28	2.30	8.60	254	2350	11.79	-4.01	12.46	289
375	-5.51	2.51	6.05	114	1375	8.72	2.25	9.01	255	2375	12.21	-4.32	12.95	289
400	-4.96	2.73	5.66	119	1400	9.23	2.06	9.46	257	2400	12.30	-4.56	13.12	290
425	-4.26	3.30	5.39	128	1425	9.46	1.86	9.65	259	2425	12.13	-4.71	13.01	291
450	-3.42	3.95	5.23	139	1450	9.34	1.44	9.45	261	2450	11.86	-4.83	12.80	292
475	-2.65	4.08	4.87	147	1475	8.77	0.87	8.81	264	2475	11.63	-5.12	12.71	294
500	-1.99	4.27	4.71	155	1500	8.27	0.40	8.28	267	2500	11.53	-5.54	12.79	296
525	-1.14	4.50	4.64	166	1525	8.19	-0.25	8.19	272	2525	11.63	-5.89	13.04	297
550	-0.27	4.30	4.30	176	1550	8.21	-0.93	8.26	276	2550	11.75	-6.48	13.42	299
575	0.39	4.04	4.06	185	1575	8.56	-1.30	8.66	278	2575	11.94	-7.30	14.00	301
600	1.12	3.97	4.13	196	1600	8.89	-1.33	8.99	278	2600	12.04	-8.08	14.50	304
625	1.99	3.98	4.45	206	1625	8.88	-1.45	9.00	279	2625	12.12	-9.00	15.10	306
650	3.00	3.83	4.86	218	1650	8.88	-2.00	9.10	283	2650	12.49	-10.12	16.07	309
675	4.04	3.47	5.32	229	1675	8.57	-2.43	8.91	286	2675	13.07	-10.90	17.02	310
700	5.05	3.00	5.87	239	1700	8.07	-2.74	8.53	289	2700	13.71	-10.88	17.50	308
725	5.58	2.57	6.14	245	1725	7.82	-3.35	8.51	293	2725	14.38	-10.47	17.79	306
750	5.36	2.34	5.84	246	1750	7.73	-4.10	8.75	298	2750	14.85	-9.92	17.86	304
775	5.05	2.23	5.52	246	1775	7.80	-4.60	9.05	300	2775	15.12	-9.36	17.78	302
800	4.92	2.15	5.37	246	1800	7.98	-4.63	9.23	300	2800	15.55	-8.93	17.93	300
825	4.68	2.14	5.15	245	1825	8.27	-4.52	9.42	298	2825	15.87	-8.47	17.99	298
850	4.57	1.94	4.96	247	1850	8.36	-4.51	9.50	298	2850	16.19	-8.06	18.08	296
875	4.74	1.53	4.98	252	1875	8.34	-4.54	9.49	298	2875	16.67	-7.78	18.39	295
900	4.95	1.23	5.10	256	1900	8.36	-4.35	9.42	297	2900	17.09	-7.41	18.63	293
925	5.26	1.09	5.38	258	1925	8.39	-4.17	9.37	296	2925	17.53	-7.02	18.88	292
950	5.61	1.10	5.72	259	1950	8.50	-4.07	9.43	295	2950	18.01	-6.72	19.22	290
975	5.96	1.16	6.07	259	1975	8.67	-3.72	9.44	293	2975	18.55	-6.64	19.70	290
1000	6.19	1.24	6.32	259	2000	8.75	-3.21	9.32	290	3000	19.10	-6.74	20.25	289
1025	6.28	1.38	6.43	257	2025	8.70	-2.85	9.15	288	3025	19.53	-6.93	20.73	289
1050	6.14	1.52	6.32	256	2050	8.93	-2.75	9.34	287	3050	20.02	-7.17	21.27	290
1075	5.85	1.44	6.03	256	2075	9.42	-2.72	9.80	286	3075	20.49	-7.48	21.81	290
1100	5.60	1.34	5.76	256	2100	9.53	-2.80	9.94	286	3100	20.91	-8.04	22.40	291
1125	5.57	1.24	5.71	257	2125	9.53	-2.91	9.96	287	3125	20.80	-8.63	22.52	292
1150	5.76	1.18	5.88	258	2150	9.99	-2.87	10.39	286	3150	20.50	-9.25	22.49	294

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1642 03/12/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	20.48	-9.79	22.70	295	4175	27.55	-7.42	28.54	285	5175	33.44	-5.78	33.94	280
3200	20.43	-10.07	22.78	296	4200	28.43	-7.85	29.49	285	5200	33.51	-5.94	34.03	280
3225	20.15	-10.23	22.60	297	4225	29.16	-8.32	30.32	286	5225	33.97	-6.23	34.53	280
3250	19.95	-10.40	22.50	297	4250	29.83	-8.63	31.05	286	5250	34.50	-6.57	35.12	281
3275	19.75	-10.61	22.41	298	4275	30.42	-9.17	31.78	287	5275	34.55	-6.72	35.19	281
3300	19.29	-10.70	22.06	299	4300	31.03	-9.82	32.54	287	5300	34.34	-6.44	34.94	280
3325	19.04	-10.85	21.92	300	4325	31.52	-9.98	33.06	287	5325	34.21	-6.13	34.76	280
3350	18.81	-11.07	21.83	300	4350	31.86	-9.92	33.37	287	5350	34.18	-6.01	34.71	280
3375	18.48	-11.29	21.66	301	4375	31.97	-9.84	33.45	287	5375	34.30	-5.88	34.80	280
3400	18.36	-11.37	21.60	302	4400	32.02	-9.63	33.44	287	5400	34.26	-6.14	34.80	280
3425	18.46	-11.00	21.49	301	4425	31.95	-9.33	33.28	286	5425	34.25	-6.87	34.93	281
3450	18.41	-10.34	21.12	299	4450	31.88	-8.97	33.11	286	5450	34.61	-7.58	35.43	282
3475	18.21	-9.69	20.63	298	4475	31.93	-8.83	33.12	285	5475	34.79	-8.04	35.71	283
3500	17.85	-9.14	20.06	297	4500	32.02	-8.82	33.21	285	5500	34.70	-8.51	35.73	284
3525	17.71	-8.88	19.81	296	4525	32.27	-8.91	33.48	285	5525	34.97	-8.81	36.06	284
3550	17.99	-8.80	20.03	296	4550	32.35	-9.20	33.63	286	5550	35.36	-8.96	36.48	284
3575	18.05	-8.84	20.10	296	4575	32.40	-9.65	33.80	286	5575	35.47	-9.23	36.65	284
3600	17.99	-9.14	20.18	297	4600	32.67	-9.93	34.15	287	5600	35.75	-9.45	36.98	285
3625	18.16	-9.47	20.48	297	4625	32.84	-10.06	34.34	287	5625	36.02	-9.75	37.32	285
3650	18.42	-9.61	20.78	297	4650	32.71	-10.22	34.27	287	5650	36.19	-10.07	37.57	285
3675	18.72	-9.58	21.03	297	4675	32.71	-10.10	34.23	287	5675	36.49	-10.56	37.99	286
3700	19.05	-9.41	21.25	296	4700	32.87	-10.06	34.37	287	5700	36.57	-10.93	38.17	286
3725	19.35	-9.05	21.37	295	4725	33.03	-9.84	34.47	286	5725	36.35	-10.97	37.97	287
3750	19.45	-8.67	21.30	294	4750	33.12	-9.63	34.50	286	5750	35.89	-11.11	37.57	287
3775	19.59	-8.38	21.30	293	4775	33.53	-9.64	34.89	286	5775	35.62	-11.32	37.38	287
3800	19.68	-8.14	21.30	292	4800	33.62	-9.27	34.88	285	5800	35.53	-11.59	37.38	288
3825	19.89	-7.89	21.40	291	4825	33.32	-8.62	34.41	284	5825	35.32	-11.89	37.26	288
3850	20.40	-7.64	21.79	290	4850	33.31	-8.03	34.26	283	5850	35.30	-12.06	37.30	289
3875	20.72	-7.45	22.02	290	4875	33.31	-7.44	34.13	282	5875	34.98	-12.11	37.02	289
3900	21.22	-7.34	22.45	289	4900	33.08	-6.86	33.78	282	5900	34.43	-12.38	36.59	290
3925	21.98	-7.25	23.15	288	4925	33.12	-6.41	33.74	281	5925	34.16	-12.52	36.38	290
3950	22.55	-6.99	23.61	287	4950	33.27	-6.03	33.81	280	5950	33.79	-12.52	36.03	290
3975	23.07	-6.78	24.04	286	4975	33.30	-5.72	33.79	280	5975	33.21	-12.74	35.57	291
4000	23.38	-6.66	24.31	286	5000	33.49	-5.53	33.95	279	6000	32.60	-12.64	34.97	291
4025	23.70	-6.66	24.62	286	5025	33.63	-5.45	34.06	279	6025	32.37	-12.50	34.70	291
4050	24.08	-6.67	24.99	285	5050	33.76	-5.38	34.19	279	6050	32.34	-12.65	34.72	291
4075	24.35	-6.50	25.20	285	5075	33.72	-5.38	34.14	279	6075	32.43	-12.75	34.85	291
4100	25.01	-6.46	25.83	284	5100	33.89	-5.51	34.34	279	6100	32.43	-12.95	34.92	292
4125	25.89	-6.76	26.76	284	5125	33.90	-5.62	34.36	279	6125	32.44	-13.08	34.98	292
4150	26.66	-7.13	27.60	285	5150	33.56	-5.71	34.04	279	6150	32.49	-13.11	35.04	292

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-50 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1642 03/12/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	32.54	-13.11	35.08	292	7175	31.29	-8.91	32.53	286	8175	37.41	-14.73	40.20	291
6200	32.60	-12.88	35.05	291	7200	31.18	-8.90	32.42	286	8200	37.54	-14.35	40.19	291
6225	32.66	-12.59	35.00	291	7225	31.28	-8.84	32.50	286	8225	37.47	-14.54	40.19	291
6250	32.74	-12.25	34.96	290	7250	31.08	-8.98	32.35	286	8250	37.46	-14.51	40.18	291
6275	33.07	-12.03	35.19	290	7275	31.16	-8.85	32.39	286	8275	37.59	-14.17	40.17	290
6300	33.71	-11.89	35.75	289	7300	31.43	-8.74	32.62	285	8300	37.60	-14.17	40.19	290
6325	33.93	-11.86	35.94	289	7325	31.54	-9.12	32.84	286	8325	37.55	-14.08	40.10	290
6350	34.06	-12.22	36.19	290	7350	31.97	-9.66	33.39	287	8350	37.26	-13.72	39.71	290
6375	34.32	-12.23	36.44	289	7375	32.43	-10.14	33.97	287	8375	37.19	-13.38	39.52	290
6400	34.41	-12.05	36.46	289	7400	32.74	-10.46	34.37	288	8400	37.13	-13.71	39.58	290
6425	34.36	-11.90	36.36	289	7425	32.92	-10.46	34.54	287	8425	37.06	-13.50	39.44	290
6450	34.48	-11.56	36.37	288	7450	32.96	-10.43	34.57	287	8450	37.06	-13.10	39.31	289
6475	34.54	-11.45	36.39	288	7475	33.31	-10.48	34.92	287	8475	37.04	-12.92	39.23	289
6500	34.45	-11.21	36.23	288	7500	33.75	-10.91	35.47	288	8500	37.05	-12.81	39.20	289
6525	34.34	-10.84	36.01	287	7525	34.22	-11.64	36.14	289	8525	36.94	-13.13	39.21	289
6550	34.17	-10.39	35.72	287	7550	34.65	-12.21	36.74	289	8550	36.94	-13.34	39.28	290
6575	34.05	-10.42	35.61	287	7575	34.93	-12.53	37.11	290	8575	37.15	-12.95	39.34	289
6600	33.90	-10.45	35.47	287	7600	35.22	-12.43	37.35	289	8600	37.07	-12.90	39.25	289
6625	33.89	-10.43	35.46	287	7625	35.39	-12.60	37.57	289	8625	36.83	-12.82	39.00	289
6650	33.90	-10.44	35.47	287	7650	35.48	-12.78	37.71	290	8650	36.93	-12.62	39.03	289
6675	33.62	-10.28	35.16	287	7675	35.58	-12.86	37.84	290	8675	37.02	-12.72	39.14	289
6700	33.30	-10.05	34.78	287	7700	35.57	-13.29	37.97	290	8700	37.07	-12.82	39.23	289
6725	33.30	-9.87	34.73	286	7725	35.71	-13.49	38.17	291	8725	36.98	-13.01	39.21	289
6750	33.09	-9.50	34.43	286	7750	36.09	-13.34	38.47	290	8750	36.49	-13.33	38.85	290
6775	32.77	-9.09	34.01	285	7775	36.27	-13.62	38.75	290	8775	36.40	-13.50	38.82	290
6800	32.66	-9.06	33.89	285	7800	36.55	-13.78	39.06	290	8800	36.87	-13.37	39.21	290
6825	32.43	-9.26	33.73	286	7825	36.40	-13.76	38.91	291	8825	37.36	-13.48	39.72	290
6850	32.13	-9.60	33.53	286	7850	36.04	-13.90	38.62	291	8850	37.51	-13.52	39.87	290
6875	31.89	-9.55	33.28	286	7875	35.75	-14.30	38.51	292	8875	37.67	-13.84	40.14	290
6900	31.83	-9.74	33.29	287	7900	35.53	-14.70	38.45	292	8900	38.16	-13.99	40.64	290
6925	31.93	-9.80	33.40	287	7925	35.64	-14.83	38.60	292	8925	38.37	-13.76	40.76	290
6950	32.04	-9.71	33.48	287	7950	36.08	-14.57	38.91	292	8950	38.40	-13.71	40.77	289
6975	32.03	-9.71	33.47	287	7975	36.56	-14.45	39.31	291	8975	38.35	-13.67	40.71	289
7000	32.23	-9.55	33.62	286	8000	36.93	-14.66	39.74	291	9000	38.31	-13.48	40.61	289
7025	32.50	-9.37	33.82	286	8025	37.15	-14.78	39.98	292	9025	38.33	-13.46	40.63	289
7050	32.42	-9.43	33.76	286	8050	37.19	-14.79	40.03	292	9050	38.42	-13.57	40.75	289
7075	32.33	-9.31	33.65	286	8075	37.16	-14.70	39.96	291	9075	38.69	-13.72	41.05	289
7100	32.17	-9.16	33.45	286	8100	37.10	-14.50	39.83	291	9100	38.79	-13.81	41.17	289
7125	31.82	-9.11	33.10	286	8125	37.22	-14.32	39.88	291	9125	38.63	-13.55	40.94	289
7150	31.47	-8.89	32.70	286	8150	37.36	-14.59	40.11	291	9150	38.70	-13.37	40.95	289

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1642 03/12/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	38.94	-13.06	41.07	288	10175	45.18	-10.80	46.45	283	11175	45.70	-8.06	46.41	280
9200	38.97	-12.84	41.03	288	10200	45.17	-10.59	46.39	283	11200	46.09	-7.38	46.68	279
9225	39.28	-12.98	41.36	288	10225	45.42	-10.30	46.58	283	11225	46.52	-7.94	47.19	280
9250	39.75	-13.30	41.91	288	10250	45.16	-10.24	46.31	283	11250	46.50	-8.19	47.22	280
9275	40.00	-13.74	42.30	289	10275	44.83	-10.19	45.97	283	11275	46.20	-9.00	47.07	281
9300	40.59	-13.93	42.91	289	10300	44.76	-9.95	45.85	282	11300	46.30	-9.18	47.20	281
9325	40.92	-14.01	43.25	289	10325	44.89	-10.12	46.02	283	11325	46.78	-8.98	47.64	281
9350	41.02	-14.36	43.46	289	10350	45.06	-9.97	46.15	282	11350	47.02	-8.73	47.82	280
9375	41.20	-14.50	43.68	289	10375	45.21	-9.71	46.24	282	11375	47.48	-8.18	48.18	280
9400	41.22	-14.80	43.80	290	10400	45.52	-8.89	46.38	281	11400	47.61	-8.73	48.40	280
9425	41.33	-15.10	44.00	290	10425	45.38	-8.54	46.17	280	11425	47.94	-8.84	48.75	280
9450	41.55	-14.71	44.08	289	10450	45.02	-8.73	45.86	281	11450	48.61	-8.68	49.38	280
9475	41.43	-14.85	44.01	290	10475	45.39	-8.55	46.19	280	11475	48.79	-8.33	49.50	280
9500	41.24	-14.72	43.79	289	10500	45.64	-8.42	46.41	280	11500	48.93	-8.14	49.60	279
9525	41.29	-14.40	43.73	289	10525	46.31	-8.29	47.05	280	11525	49.23	-8.15	49.90	279
9550	41.34	-14.63	43.85	289	10550	46.43	-8.36	47.18	280	11550	49.47	-8.51	50.20	280
9575	41.19	-14.65	43.71	289	10575	46.25	-8.56	47.03	280	11575	50.00	-8.61	50.74	280
9600	41.31	-15.02	43.95	290	10600	46.35	-8.70	47.16	280	11600	50.14	-8.79	50.91	280
9625	42.26	-14.53	44.69	289	10625	46.16	-8.96	47.02	281	11625	50.30	-8.44	51.00	279
9650	43.01	-13.84	45.18	288	10650	46.11	-8.70	46.92	281	11650	50.21	-9.04	51.02	280
9675	42.95	-14.24	45.25	288	10675	46.53	-8.36	47.28	280	11675	49.53	-11.56	50.86	283
9700	43.29	-13.45	45.33	287	10700	46.33	-8.37	47.08	280	11700	50.39	-10.92	51.56	282
9725	43.78	-12.72	45.59	286	10725	46.04	-7.75	46.69	279	11725	50.61	-10.80	51.75	282
9750	43.23	-13.27	45.22	287	10750	46.00	-8.03	46.70	280	11750	50.63	-11.58	51.93	283
9775	43.25	-13.31	45.26	287	10775	45.64	-8.44	46.41	280	11775	50.84	-12.14	52.27	283
9800	43.54	-13.31	45.53	287	10800	45.47	-8.11	46.19	280	11800	50.91	-12.99	52.54	284
9825	43.54	-13.35	45.54	287	10825	45.28	-7.88	45.96	280	11825	51.08	-13.26	52.78	284
9850	43.54	-13.59	45.61	287	10850	45.46	-7.40	46.06	279	11850	51.19	-13.56	52.96	285
9875	43.31	-13.64	45.41	287	10875	44.98	-7.76	45.64	280	11875	51.11	-14.04	53.00	285
9900	43.59	-13.59	45.65	287	10900	44.68	-8.26	45.44	280	11900	51.30	-14.05	53.19	285
9925	43.85	-13.27	45.82	287	10925	45.28	-7.55	45.90	279	11925	51.48	-14.31	53.43	285
9950	44.02	-13.13	45.93	286	10950	45.51	-7.27	46.08	279	11950	51.42	-15.15	53.60	286
9975	44.09	-13.43	46.09	287	10975	45.29	-7.72	45.94	279	11975	51.58	-14.85	53.67	286
10000	44.44	-12.97	46.30	286	11000	45.16	-8.02	45.87	280	12000	51.68	-15.36	53.92	286
10025	45.08	-12.11	46.68	285	11025	45.48	-7.70	46.13	279	12025	51.24	-17.73	54.22	289
10050	45.33	-11.72	46.82	284	11050	45.45	-8.11	46.17	280	12050	50.85	-18.60	54.14	290
10075	45.22	-11.42	46.64	284	11075	45.35	-8.03	46.05	280	12075	50.33	-18.93	53.77	290
10100	45.13	-11.32	46.52	284	11100	45.33	-7.61	45.97	279	12100	50.06	-19.74	53.81	291
10125	45.13	-11.28	46.52	284	11125	45.41	-7.75	46.07	280	12125	49.83	-19.17	53.39	291
10150	45.30	-11.02	46.62	283	11150	45.56	-8.23	46.29	280	12150	49.28	-19.50	53.00	291

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-50 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1642 03/12/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	49.10	-19.67	52.90	292	13175	34.30	-14.43	37.21	293					
12200	48.91	-18.68	52.35	291	13200	34.38	-15.44	37.69	294					
12225	48.39	-18.57	51.83	291	13225	33.78	-16.22	37.47	295					
12250	47.88	-18.47	51.31	291	13250	33.45	-16.37	37.25	296					
12275	47.36	-18.36	50.79	291	13275	33.42	-16.27	37.17	296					
12300	46.84	-18.26	50.28	291	13300	32.86	-15.86	36.48	296					
12325	46.33	-18.15	49.76	291	13325	32.96	-15.59	36.46	295					
12350	45.81	-18.05	49.24	291	13350	32.40	-14.86	35.64	294					
12375	44.52	-19.02	48.41	293	13375	32.60	-14.59	35.71	294					
12400	43.96	-19.56	48.11	294	13400	33.11	-13.79	35.87	292					
12425	43.41	-19.62	47.64	294	13425	32.91	-13.60	35.61	292					
12450	42.69	-19.93	47.11	295	13450	32.54	-13.87	35.38	293					
12475	42.28	-18.54	46.17	294	13475	32.23	-14.06	35.16	293					
12500	41.33	-17.42	44.85	293	13500	32.13	-13.38	34.80	292					
12525	40.45	-18.02	44.28	294	13525	32.14	-13.16	34.73	292					
12550	40.68	-16.96	44.08	292	13550	31.93	-13.47	34.66	293					
12575	40.29	-17.47	43.91	293	13575	32.00	-13.81	34.86	293					
12600	39.67	-18.03	43.58	294	13600	32.47	-13.06	35.00	292					
12625	39.35	-17.11	42.91	293	13625	32.45	-13.57	35.18	293					
12650	39.09	-16.77	42.54	293	13650	32.46	-13.69	35.23	293					
12675	38.54	-16.70	42.00	293	13675	33.29	-11.50	35.22	289					
12700	38.17	-16.39	41.54	293	13700	33.30	-11.54	35.24	289					
12725	37.50	-16.83	41.10	294	13725	33.31	-11.58	35.26	289					
12750	37.05	-16.42	40.53	294	13750	33.32	-11.62	35.28	289					
12775	37.20	-16.36	40.64	294	13775	33.11	-11.99	35.21	290					
12800	37.26	-15.78	40.46	293	13800	32.97	-12.37	35.21	290					
12825	36.46	-15.56	39.64	293	13825	33.38	-11.53	35.31	289					
12850	36.71	-14.51	39.48	291	13850	33.17	-12.64	35.50	291					
12875	37.19	-14.99	40.09	292	13875	33.52	-12.15	35.65	290					
12900	37.03	-15.80	40.26	293	13900	33.86	-11.65	35.81	289					
12925	37.24	-15.68	40.41	293	13925	34.42	-11.14	36.18	288					
12950	37.46	-15.56	40.56	292	13950	33.86	-13.39	36.41	291					
12975	37.77	-15.30	40.75	292	13975	34.22	-12.74	36.51	290					
13000	37.09	-14.46	39.81	291	14000	34.06	-12.85	36.40	290					
13025	36.46	-15.12	39.47	292										
13050	36.70	-15.10	39.68	292										
13075	36.78	-14.67	39.60	292										
13100	36.39	-14.22	39.07	291										
13125	35.83	-14.22	38.54	291										
13150	34.72	-13.78	37.35	291										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-51

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1643 03/12/65, 1306Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
150	2.01	12.21	12.38	189	1150	8.37	8.75	12.11	224	2150	16.80	4.75	17.46	254
175	1.81	12.68	12.81	188	1175	8.92	8.19	12.11	227	2175	16.88	4.22	17.40	256
200	1.78	12.66	12.78	188	1200	9.62	7.82	12.40	231	2200	17.06	3.13	17.35	259
225	1.85	12.69	12.82	188	1225	10.07	7.89	12.79	232	2225	17.69	2.25	17.84	263
250	1.81	12.94	13.06	188	1250	10.18	7.90	12.88	232	2250	17.97	1.73	18.05	264
275	1.58	13.05	13.14	187	1275	10.13	7.54	12.63	233	2275	18.19	1.03	18.22	267
300	1.61	12.80	12.90	187	1300	9.97	7.10	12.24	234	2300	18.58	0.68	18.59	268
325	1.98	12.43	12.59	189	1325	9.86	6.93	12.05	235	2325	18.76	0.71	18.77	268
350	2.01	12.05	12.21	189	1350	9.80	7.15	12.13	234	2350	19.04	0.77	19.05	268
375	1.96	11.67	11.83	189	1375	9.95	7.47	12.44	233	2375	19.25	0.54	19.26	268
400	2.11	11.18	11.38	191	1400	10.04	7.33	12.43	234	2400	19.34	0.30	19.34	269
425	1.97	10.61	10.79	190	1425	10.20	7.20	12.48	235	2425	19.40	0.20	19.40	269
450	1.87	10.14	10.31	190	1450	10.63	7.40	12.96	235	2450	19.17	0.23	19.17	269
475	2.19	9.78	10.02	192	1475	10.91	7.49	13.24	235	2475	18.85	0.54	18.86	268
500	2.51	9.58	9.90	194	1500	10.96	7.44	13.24	236	2500	18.74	0.59	18.75	268
525	2.37	9.50	9.80	194	1525	10.95	7.52	13.29	235	2525	18.84	0.28	18.84	269
550	2.37	9.49	9.78	194	1550	11.24	7.77	13.66	235	2550	19.16	0.13	19.16	269
575	2.62	9.51	9.86	195	1575	11.67	8.01	14.16	235	2575	19.32	-0.01	19.32	270
600	2.86	9.48	9.90	197	1600	11.91	8.33	14.53	235	2600	19.33	0.02	19.33	270
625	3.35	9.39	9.97	199	1625	11.90	8.47	14.61	234	2625	19.53	0.20	19.53	269
650	3.93	9.30	10.09	203	1650	11.83	8.01	14.29	236	2650	19.74	0.15	19.74	269
675	4.15	9.19	10.09	204	1675	11.80	7.69	14.09	237	2675	19.91	0.03	19.91	270
700	4.25	8.92	9.88	205	1700	11.87	7.75	14.18	237	2700	20.15	-0.02	20.15	270
725	4.38	8.50	9.56	207	1725	11.98	7.85	14.32	237	2725	20.49	-0.12	20.49	270
750	4.49	8.24	9.39	208	1750	11.91	7.91	14.30	236	2750	20.89	-0.17	20.89	270
775	4.51	8.16	9.32	209	1775	11.79	7.83	14.16	236	2775	21.33	-0.29	21.33	271
800	4.46	8.13	9.28	209	1800	11.73	8.00	14.20	236	2800	21.57	-0.42	21.57	271
825	4.61	8.44	9.62	208	1825	11.59	8.23	14.21	234	2825	21.85	-0.41	21.85	271
850	5.01	8.97	10.27	209	1850	11.36	8.34	14.09	234	2850	22.07	-0.37	22.08	271
875	5.56	9.30	10.83	211	1875	11.15	8.29	13.90	233	2875	22.29	-0.42	22.30	271
900	6.05	9.49	11.25	212	1900	10.94	8.03	13.57	234	2900	22.52	-0.45	22.53	271
925	6.41	9.70	11.63	213	1925	11.06	7.76	13.52	235	2925	22.55	-0.20	22.55	270
950	6.45	9.85	11.77	213	1950	11.80	7.73	14.11	237	2950	22.76	-0.16	22.76	270
975	6.55	10.11	12.04	213	1975	12.49	7.71	14.68	238	2975	23.16	-0.39	23.16	271
1000	6.98	10.41	12.53	214	2000	13.14	7.50	15.13	240	3000	23.48	-0.23	23.48	270
1025	7.62	10.54	13.01	216	2025	14.03	7.36	15.84	242	3025	23.50	0.10	23.50	270
1050	8.04	10.47	13.20	217	2050	14.87	7.09	16.48	244	3050	23.47	0.41	23.47	269
1075	8.18	10.21	13.08	218	2075	15.69	6.68	17.06	247	3075	23.60	0.59	23.61	268
1100	8.04	9.66	12.57	220	2100	16.21	6.20	17.36	249	3100	23.67	0.56	23.68	268
1125	7.98	9.14	12.13	221	2125	16.47	5.43	17.34	252	3125	23.82	0.53	23.83	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1643 03/12/65, 1306Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3150	23.93	0.35	23.93	269	4150	26.00	-8.33	27.31	288	5150	32.21	-6.29	32.82	281
3175	24.08	0.20	24.08	269	4175	25.93	-8.31	27.23	288	5175	31.90	-6.27	32.51	281
3200	24.32	0.13	24.32	270	4200	26.08	-8.36	27.38	288	5200	31.80	-6.36	32.43	281
3225	24.43	0.53	24.43	269	4225	26.46	-8.37	27.75	287	5225	31.99	-6.69	32.68	282
3250	24.13	0.96	24.15	268	4250	26.86	-8.65	28.22	288	5250	32.42	-6.81	33.13	282
3275	24.10	0.78	24.11	268	4275	27.03	-8.92	28.47	288	5275	32.79	-6.94	33.52	282
3300	24.56	0.55	24.57	269	4300	27.29	-9.04	28.74	288	5300	32.84	-7.08	33.60	282
3325	25.14	0.41	25.14	269	4325	27.29	-8.90	28.70	288	5325	32.99	-7.25	33.78	282
3350	25.09	0.05	25.09	270	4350	27.31	-8.55	28.61	287	5350	33.28	-7.24	34.06	282
3375	24.47	-0.27	24.48	270	4375	27.72	-8.25	28.92	286	5375	33.35	-7.31	34.14	282
3400	24.36	-0.51	24.37	271	4400	27.83	-8.25	29.03	286	5400	33.07	-7.40	33.89	282
3425	24.41	-0.80	24.42	272	4425	27.78	-8.29	28.99	286	5425	32.84	-7.43	33.67	283
3450	24.54	-1.24	24.57	273	4450	28.08	-8.36	29.30	286	5450	33.15	-7.51	33.99	283
3475	24.52	-1.92	24.60	274	4475	28.59	-8.58	29.85	287	5475	33.31	-7.62	34.17	283
3500	24.47	-2.36	24.58	275	4500	28.90	-8.75	30.19	287	5500	33.37	-7.80	34.27	283
3525	24.42	-2.49	24.54	276	4525	28.96	-8.71	30.24	287	5525	33.49	-7.85	34.40	283
3550	24.22	-2.80	24.38	276	4550	28.78	-8.70	30.07	287	5550	33.51	-7.96	34.44	283
3575	24.02	-3.13	24.23	277	4575	28.67	-8.61	29.94	287	5575	33.47	-7.97	34.41	283
3600	23.93	-3.27	24.15	278	4600	28.72	-8.11	29.84	286	5600	33.47	-8.07	34.43	283
3625	23.95	-3.66	24.23	279	4625	28.71	-7.86	29.77	285	5625	33.63	-8.27	34.63	284
3650	23.90	-4.03	24.24	279	4650	28.83	-7.71	29.84	285	5650	33.71	-8.32	34.72	284
3675	23.87	-4.34	24.26	280	4675	29.27	-7.37	30.18	284	5675	33.94	-8.60	35.01	284
3700	23.90	-4.66	24.35	281	4700	29.81	-7.08	30.64	283	5700	34.09	-8.78	35.20	284
3725	23.87	-5.04	24.40	282	4725	30.33	-7.39	31.22	284	5725	34.21	-8.76	35.31	284
3750	24.02	-5.61	24.67	283	4750	30.51	-7.68	31.46	284	5750	34.31	-8.83	35.43	284
3775	24.17	-6.05	24.92	284	4775	30.58	-7.35	31.45	283	5775	34.20	-8.92	35.35	284
3800	24.33	-6.34	25.14	284	4800	30.84	-7.12	31.65	283	5800	34.17	-8.97	35.33	285
3825	24.54	-6.64	25.43	285	4825	30.88	-7.08	31.68	283	5825	34.19	-8.60	35.25	284
3850	24.75	-6.73	25.65	285	4850	31.17	-7.17	31.99	283	5850	33.85	-7.95	34.77	283
3875	24.89	-6.86	25.82	285	4875	31.18	-7.01	31.96	282	5875	33.13	-8.29	34.15	284
3900	24.78	-7.12	25.78	286	4900	31.06	-6.77	31.79	282	5900	32.96	-8.44	34.02	284
3925	24.77	-7.28	25.81	286	4925	31.47	-6.61	32.15	282	5925	33.06	-7.82	33.97	283
3950	25.11	-7.51	26.21	286	4950	31.79	-6.37	32.43	281	5950	33.13	-7.65	34.00	283
3975	25.53	-7.84	26.71	287	4975	31.84	-6.13	32.42	281	5975	33.40	-7.43	34.22	282
4000	25.45	-8.00	26.68	287	5000	31.72	-6.07	32.30	281	6000	34.05	-6.46	34.66	281
4025	25.18	-8.11	26.46	288	5025	31.70	-6.24	32.30	281	6025	34.60	-5.41	35.02	279
4050	25.15	-8.21	26.45	288	5050	31.85	-6.37	32.48	281	6050	34.80	-5.06	35.16	278
4075	25.20	-8.31	26.53	288	5075	31.97	-6.42	32.61	281	6075	35.07	-5.19	35.45	278
4100	25.45	-8.51	26.83	288	5100	32.12	-6.39	32.75	281	6100	35.53	-5.01	35.88	278
4125	25.88	-8.51	27.25	288	5125	32.31	-6.21	32.90	281	6125	36.00	-4.81	36.32	277

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-51 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1643 03/12/65, 1306Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6150	36.30	-4.30	36.55	277	7150	39.23	-7.42	39.92	281	8150	39.80	-3.78	39.98	275
6175	36.58	-3.70	36.76	276	7175	38.70	-7.36	39.39	281	8175	38.93	-3.30	39.07	275
6200	37.02	-3.55	37.19	275	7200	38.52	-6.99	39.15	280	8200	38.48	-2.69	38.57	274
6225	37.39	-3.56	37.56	275	7225	38.20	-6.80	38.80	280	8225	38.67	-3.27	38.80	275
6250	37.65	-3.92	37.86	276	7250	37.98	-6.88	38.60	280	8250	38.42	-3.27	38.56	275
6275	38.25	-3.77	38.43	275	7275	37.78	-6.79	38.39	280	8275	38.07	-3.45	38.23	275
6300	38.60	-3.76	38.78	275	7300	37.64	-6.73	38.23	280	8300	37.97	-3.31	38.11	275
6325	38.70	-3.64	38.87	275	7325	37.42	-6.71	38.02	280	8325	37.71	-3.60	37.88	275
6350	39.01	-3.74	39.19	275	7350	36.76	-6.52	37.34	280	8350	37.72	-3.92	37.92	276
6375	38.99	-4.01	39.19	276	7375	36.35	-5.99	36.85	279	8375	37.85	-3.66	38.02	275
6400	38.86	-3.83	39.05	275	7400	36.38	-6.04	36.88	279	8400	37.89	-3.90	38.09	276
6425	38.86	-3.84	39.05	275	7425	36.56	-5.78	37.01	279	8425	37.87	-3.64	38.04	275
6450	38.82	-3.84	39.01	275	7450	37.02	-4.42	37.28	277	8450	38.02	-3.28	38.16	275
6475	38.66	-3.59	38.82	275	7475	37.51	-3.79	37.70	276	8475	38.26	-3.42	38.41	275
6500	38.66	-3.35	38.81	275	7500	37.64	-3.74	37.83	275	8500	38.20	-3.41	38.35	275
6525	38.70	-3.33	38.85	275	7525	37.93	-3.85	38.13	276	8525	38.46	-3.69	38.64	275
6550	38.54	-3.44	38.70	275	7550	38.29	-3.64	38.47	275	8550	38.94	-3.30	39.08	275
6575	38.51	-3.36	38.66	275	7575	38.41	-3.52	38.57	275	8575	39.31	-3.57	39.47	275
6600	38.45	-3.34	38.60	275	7600	38.65	-4.12	38.87	276	8600	39.51	-3.97	39.71	276
6625	38.22	-3.36	38.37	275	7625	39.21	-3.76	39.39	275	8625	39.49	-3.45	39.64	275
6650	38.26	-3.24	38.39	275	7650	40.01	-3.42	40.15	275	8650	39.66	-3.49	39.82	275
6675	38.21	-3.50	38.37	275	7675	39.89	-3.21	40.02	274	8675	39.70	-3.68	39.87	275
6700	38.04	-3.41	38.19	275	7700	39.49	-3.04	39.61	274	8700	39.58	-3.56	39.74	275
6725	38.27	-3.21	38.40	275	7725	39.52	-3.09	39.64	274	8725	39.79	-3.67	39.96	275
6750	38.63	-3.36	38.77	275	7750	39.76	-2.49	39.84	273	8750	40.08	-3.72	40.25	275
6775	38.69	-3.87	38.88	276	7775	39.93	-2.80	40.03	274	8775	40.09	-4.11	40.30	276
6800	38.66	-4.17	38.88	276	7800	39.82	-2.69	39.91	274	8800	40.12	-4.84	40.41	277
6825	38.96	-3.99	39.16	276	7825	39.57	-2.31	39.64	273	8825	40.33	-4.43	40.58	276
6850	39.09	-4.21	39.31	276	7850	39.45	-2.88	39.55	274	8850	40.15	-4.60	40.41	276
6875	39.01	-4.20	39.24	276	7875	39.30	-2.50	39.38	273	8875	40.23	-4.67	40.50	276
6900	38.90	-4.31	39.14	276	7900	39.19	-2.37	39.26	273	8900	40.64	-4.40	40.88	276
6925	38.88	-4.34	39.12	276	7925	39.35	-2.72	39.44	274	8925	40.93	-4.61	41.19	276
6950	39.09	-4.43	39.34	276	7950	39.46	-2.69	39.55	274	8950	41.44	-4.74	41.71	276
6975	39.41	-4.94	39.72	277	7975	39.27	-3.10	39.40	274	8975	41.45	-5.12	41.77	277
7000	39.51	-5.39	39.87	278	8000	39.13	-3.56	39.29	275	9000	41.75	-5.51	42.11	277
7025	39.75	-5.72	40.15	278	8025	39.01	-3.64	39.18	275	9025	42.34	-5.73	42.72	278
7050	40.20	-6.34	40.70	279	8050	39.14	-3.73	39.32	275	9050	42.67	-5.53	43.03	277
7075	40.26	-7.04	40.87	280	8075	39.57	-3.86	39.76	275	9075	42.94	-5.46	43.29	277
7100	40.11	-7.16	40.75	280	8100	39.85	-3.51	40.00	275	9100	42.98	-5.92	43.39	278
7125	39.87	-7.31	40.53	280	8125	39.96	-3.25	40.09	274	9125	43.08	-5.41	43.42	277

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1643 03/12/65, 1306Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9150	43.15	-5.15	43.45	277	10150	45.34	-0.71	45.34	271	11150	47.95	-8.40	48.68	280
9175	43.43	-5.02	43.72	276	10175	45.05	-1.59	45.08	272	11175	48.12	-6.46	48.55	277
9200	43.58	-4.00	43.77	275	10200	45.03	-2.24	45.09	273	11200	48.42	-7.23	48.96	278
9225	43.36	-3.88	43.53	275	10225	45.18	-2.23	45.23	273	11225	48.65	-7.64	49.24	279
9250	43.43	-4.36	43.65	276	10250	45.00	-2.42	45.06	273	11250	48.53	-7.30	49.08	278
9275	43.52	-3.58	43.67	275	10275	44.84	-2.92	44.93	274	11275	48.50	-6.95	48.99	278
9300	43.53	-3.17	43.65	274	10300	44.80	-3.00	44.91	274	11300	48.73	-7.40	49.29	278
9325	43.44	-3.22	43.56	274	10325	44.77	-3.88	44.94	275	11325	49.75	-6.10	50.12	277
9350	43.42	-3.18	43.53	274	10350	44.75	-3.67	44.90	275	11350	49.99	-6.66	50.43	277
9375	43.51	-3.23	43.63	274	10375	44.81	-3.31	44.93	274	11375	49.78	-7.07	50.28	278
9400	43.37	-3.44	43.51	274	10400	44.72	-3.31	44.85	274	11400	49.90	-6.74	50.35	278
9425	43.41	-3.44	43.55	274	10425	44.71	-3.92	44.88	275	11425	49.77	-6.84	50.24	278
9450	43.69	-3.11	43.81	274	10450	44.87	-4.07	45.05	275	11450	49.66	-7.05	50.16	278
9475	43.99	-2.65	44.07	273	10475	44.75	-3.56	44.89	274	11475	49.59	-8.46	50.30	280
9500	44.15	-2.48	44.22	273	10500	44.54	-5.05	44.82	276	11500	49.03	-8.64	49.78	280
9525	44.31	-2.91	44.41	274	10525	44.27	-4.13	44.46	275	11525	48.30	-9.29	49.19	281
9550	44.48	-3.04	44.59	274	10550	44.41	-2.99	44.51	274	11550	47.55	-11.01	48.81	283
9575	44.61	-2.55	44.69	273	10575	44.41	-3.62	44.56	274	11575	47.26	-12.09	48.78	284
9600	44.69	-2.10	44.74	273	10600	44.19	-3.76	44.35	275	11600	47.27	-12.34	48.85	284
9625	44.49	-1.59	44.52	272	10625	44.37	-4.25	44.57	275	11625	46.91	-13.49	48.81	286
9650	44.20	-1.32	44.22	272	10650	44.57	-4.62	44.81	276	11650	46.95	-13.40	48.83	286
9675	44.29	-1.82	44.33	272	10675	44.50	-4.85	44.77	276	11675	47.14	-11.99	48.64	284
9700	44.67	-1.26	44.69	271	10700	44.33	-5.52	44.68	277	11700	46.45	-14.13	48.55	287
9725	44.53	-0.88	44.54	271	10725	44.70	-5.12	44.99	276	11725	46.06	-13.71	48.06	286
9750	44.27	-0.92	44.28	271	10750	45.18	-5.85	45.56	277	11750	46.22	-13.56	48.16	286
9775	44.55	-0.95	44.56	271	10775	45.52	-6.66	46.01	278	11775	45.98	-15.50	48.52	288
9800	44.83	-0.30	44.83	270	10800	46.15	-6.74	46.64	278	11800	45.90	-14.95	48.28	288
9825	44.93	-0.39	44.93	270	10825	46.23	-8.60	47.02	280	11825	45.80	-15.35	48.30	288
9850	44.88	-0.76	44.89	271	10850	46.26	-10.10	47.35	282	11850	45.39	-16.45	48.28	290
9875	45.02	-0.33	45.02	270	10875	46.54	-9.49	47.49	281	11875	45.09	-16.81	48.12	290
9900	45.20	-0.81	45.21	271	10900	46.27	-9.16	47.16	281	11900	44.68	-16.39	47.59	290
9925	45.11	-0.67	45.12	271	10925	46.32	-9.56	47.29	281	11925	44.24	-16.18	47.10	290
9950	45.05	-0.45	45.06	270	10950	46.52	-10.12	47.71	282	11950	43.87	-16.96	47.04	291
9975	44.92	-0.68	44.92	271	10975	46.69	-9.64	47.68	281	11975	43.89	-16.43	46.87	290
10000	44.94	-0.93	44.95	271	11000	46.78	-10.15	47.87	282	12000	43.55	-14.68	45.96	288
10025	45.16	-0.63	45.16	271	11025	46.94	-10.13	48.02	282	12025	42.73	-14.82	45.23	289
10050	45.09	-0.62	45.10	271	11050	46.80	-9.07	47.67	281	12050	42.21	-16.21	45.21	291
10075	45.16	-0.60	45.16	271	11075	47.12	-9.16	48.00	281	12075	42.87	-15.89	45.72	290
10100	45.30	-0.39	45.30	270	11100	47.44	-9.34	48.35	281	12100	42.96	-16.68	46.09	291
10125	45.32	-0.43	45.32	270	11125	47.83	-9.54	48.77	281	12125	42.88	-17.03	46.14	291

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-51 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1643 03/12/65, 1306Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12150	43.07	-16.48	46.12	291	13150	40.30	-22.84	46.33	299	14150	37.57	-8.93	38.62	283
12175	42.84	-17.77	46.38	292	13175	40.18	-22.34	45.98	299	14175	38.19	-6.77	38.79	280
12200	42.57	-17.60	46.06	292	13200	39.83	-21.27	45.15	298	14200	38.33	-9.41	39.47	284
12225	42.22	-17.29	45.62	292	13225	38.93	-20.98	44.23	298	14225	38.27	-10.45	39.67	285
12250	41.92	-18.67	45.89	294	13250	38.71	-20.00	43.57	297	14250	37.55	-11.67	39.33	287
12275	41.94	-18.73	45.94	294	13275	38.20	-19.89	43.07	297	14275	38.07	-11.86	39.88	287
12300	41.90	-18.86	45.95	294	13300	36.65	-22.02	42.76	301	14300	37.95	-12.29	39.89	288
12325	41.44	-20.10	46.06	296	13325	37.05	-19.88	42.04	298	14325	37.53	-13.53	39.89	290
12350	41.70	-18.86	45.76	294	13350	36.80	-19.37	41.59	298	14350	37.81	-12.24	39.74	288
12375	41.73	-18.23	45.54	293	13375	36.08	-17.95	40.29	296	14375	37.30	-13.57	39.69	290
12400	41.65	-18.37	45.52	294	13400	36.24	-17.06	40.05	295	14400	37.16	-15.12	40.12	292
12425	41.42	-18.01	45.17	293	13425	36.02	-17.61	40.09	296	14425	36.78	-15.25	39.82	292
12450	40.71	-18.68	44.79	294	13450	35.54	-16.51	39.19	295	14450	35.98	-15.76	39.28	293
12475	40.84	-19.22	45.14	295	13475	35.51	-16.72	38.84	294	14475	35.59	-13.26	37.98	290
12500	40.78	-18.83	44.92	295	13500	35.13	-16.21	38.69	295	14500	34.93	-13.48	37.44	291
12525	40.80	-19.04	45.02	295	13525	34.67	-16.81	38.53	296	14525	34.37	-12.23	36.48	289
12550	41.01	-19.84	45.55	296	13550	34.94	-14.81	37.95	293	14550	33.38	-11.97	35.46	290
12575	40.63	-21.42	45.93	298	13575	35.05	-14.47	37.92	292	14575	32.77	-12.60	35.11	291
12600	41.00	-20.44	45.81	296	13600	34.88	-14.57	37.80	292	14600	31.84	-11.04	33.70	289
12625	41.27	-19.86	45.80	296	13625	34.21	-12.14	36.30	289	14625	31.24	-10.94	33.10	289
12650	41.07	-19.65	45.52	295	13650	34.58	-12.85	36.89	290	14650	30.75	-10.82	32.60	289
12675	40.72	-19.66	45.22	296	13675	34.58	-12.54	36.78	290	14675	29.98	-9.42	31.43	287
12700	40.43	-20.83	45.48	297	13700	34.49	-10.91	36.18	287	14700	29.38	-8.29	30.52	286
12725	40.59	-19.65	45.09	296	13725	34.56	-12.10	36.61	289	14725	29.54	-9.33	30.98	287
12750	40.21	-18.72	44.35	295	13750	34.62	-11.05	36.34	288	14750	29.29	-7.67	30.27	284
12775	40.04	-19.00	44.32	295	13775	35.24	-9.03	36.38	284	14775	28.83	-5.98	29.44	282
12800	39.73	-19.55	44.27	296	13800	35.62	-10.42	37.11	286	14800	28.08	-8.09	29.22	286
12825	39.74	-19.10	44.09	295	13825	36.20	-10.62	37.73	286	14825	27.81	-5.86	28.42	282
12850	40.04	-19.33	44.46	296	13850	36.06	-11.79	37.94	288	14850	27.72	-5.40	28.24	281
12875	39.85	-20.09	44.63	297	13875	35.44	-12.87	37.71	290	14875	27.27	-6.08	27.94	282
12900	40.18	-19.95	44.86	296	13900	35.41	-11.36	37.19	288	14900	27.30	-3.55	27.53	277
12925	40.02	-20.95	45.18	297	13925	35.42	-10.50	36.95	286	14925	27.00	-3.74	27.26	278
12950	39.88	-20.89	45.02	297	13950	35.70	-10.85	37.32	287	14950	26.82	-2.82	26.97	276
12975	40.12	-21.09	45.33	298	13975	35.62	-11.27	37.36	287	14975	26.53	-0.63	26.53	271
13000	39.79	-20.96	44.97	298	14000	35.42	-10.83	37.04	287	15000	26.60	-1.68	26.66	273
13025	39.77	-21.65	45.28	298	14025	36.33	-10.37	37.78	286	15025	26.37	-1.26	26.40	273
13050	39.83	-21.98	45.49	299	14050	36.36	-10.90	37.96	287	15050	26.63	2.10	26.71	265
13075	40.02	-21.14	45.26	298	14075	36.56	-10.35	37.99	286	15075	27.21	1.30	27.24	267
13100	39.98	-21.50	45.40	298	14100	36.86	-9.50	38.07	284	15100	27.16	-0.01	27.16	270
13125	40.16	-21.68	45.63	298	14125	36.78	-11.74	38.61	288	15125	27.58	1.65	27.63	266

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1643 03/12/65, 1306Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15150	27.75	1.95	27.82	266										
15175	28.06	2.16	28.14	265										
15200	28.74	2.99	28.90	264										
15225	29.08	3.07	29.25	264										
15250	29.51	3.83	29.75	262										
15275	30.12	4.20	30.41	262										
15300	30.56	4.16	30.84	262										
15325	31.06	4.24	31.34	262										
15350	31.11	4.46	31.43	262										
15375	31.94	5.43	32.39	260										
15400	32.10	4.55	32.42	262										
15425	32.14	4.05	32.40	263										
15450	33.23	5.69	33.71	260										
15475	33.50	5.05	33.88	261										
15500	34.03	4.68	34.35	262										
15525	34.41	4.08	34.65	263										
15550	34.64	4.09	34.88	263										
15575	35.15	1.83	35.20	267										
15600	35.42	1.50	35.45	267										
15625	35.78	4.93	36.12	262										
15650	35.74	0.97	35.75	268										
15675	36.59	-0.65	36.59	271										
15700	36.90	-0.51	36.91	271										
15725	36.97	-1.56	37.01	272										
15750	36.74	-3.00	36.86	274										
15775	34.19	-4.50	34.48	277										
15800	35.29	-4.58	35.59	277										
15825	36.60	-4.79	36.91	277										
15850	34.27	-2.69	34.37	274										
15875	33.61	-3.70	33.81	276										
15900	32.01	-3.97	32.25	277										
15925	32.14	-0.11	32.14	270										
15950	31.54	-1.77	31.58	273										
15975	30.69	-1.80	30.74	273										
16000	30.94	0.89	30.95	268										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-52

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1644 03/13/65, 01222, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	9.01	0.21	9.01	268	1225	13.61	-5.05	14.52	290	2225	16.01	-3.50	16.39	282
250	9.77	0.68	9.79	266	1250	13.24	-5.14	14.21	291	2250	16.48	-3.09	16.77	280
275	10.52	0.92	10.56	265	1275	13.23	-5.20	14.22	291	2275	16.85	-2.51	17.04	278
300	11.18	1.04	11.23	264	1300	13.18	-5.07	14.12	291	2300	17.60	-2.07	17.72	277
325	11.40	1.22	11.47	264	1325	12.99	-4.91	13.88	291	2325	18.30	-1.80	18.39	275
350	11.40	1.70	11.53	261	1350	13.06	-4.79	13.91	290	2350	18.64	-1.61	18.71	275
375	11.89	2.09	12.07	260	1375	13.29	-4.79	14.12	290	2375	19.41	-1.46	19.46	274
400	12.73	2.03	12.89	261	1400	13.20	-4.93	14.10	290	2400	20.16	-1.23	20.19	273
425	13.56	2.13	13.72	261	1425	13.12	-5.08	14.06	291	2425	20.30	-0.98	20.32	273
450	13.86	2.42	14.07	260	1450	13.12	-5.25	14.13	292	2450	20.56	-0.88	20.58	272
475	13.82	2.45	14.04	260	1475	12.96	-5.31	14.01	292	2475	21.00	-0.39	21.00	271
500	13.46	2.32	13.66	260	1500	12.98	-5.36	14.04	292	2500	21.17	0.54	21.17	268
525	13.05	2.09	13.22	261	1525	13.11	-5.36	14.16	292	2525	21.53	1.09	21.56	267
550	13.05	1.63	13.15	263	1550	12.98	-5.44	14.07	293	2550	21.98	1.48	22.03	266
575	13.58	1.18	13.63	265	1575	12.89	-5.46	13.99	293	2575	21.88	2.03	21.97	265
600	13.97	0.93	14.00	266	1600	12.98	-5.35	14.04	292	2600	21.76	2.28	21.88	264
625	13.91	0.58	13.93	267	1625	13.00	-5.45	14.09	293	2625	21.71	2.10	21.81	264
650	13.85	0.21	13.85	269	1650	13.15	-5.60	14.29	293	2650	21.56	2.06	21.66	264
675	14.03	-0.13	14.03	270	1675	13.40	-5.56	14.51	292	2675	21.37	2.17	21.48	264
700	14.60	-0.70	14.61	273	1700	13.60	-5.52	14.68	292	2700	21.25	2.31	21.37	264
725	15.03	-1.30	15.09	275	1725	13.77	-5.48	14.82	292	2725	21.54	2.54	21.69	263
750	15.09	-1.35	15.15	275	1750	13.81	-5.42	14.83	291	2750	22.09	2.74	22.26	263
775	14.94	-1.13	14.99	274	1775	14.15	-5.62	15.22	291	2775	22.41	2.78	22.58	263
800	14.83	-1.26	14.88	275	1800	14.67	-5.82	15.78	291	2800	22.52	2.78	22.69	263
825	14.91	-1.51	14.99	276	1825	15.06	-6.21	16.29	292	2825	23.13	2.68	23.28	263
850	15.09	-1.67	15.18	276	1850	15.22	-6.55	16.57	293	2850	23.93	2.52	24.06	264
875	15.15	-1.95	15.28	277	1875	15.09	-6.43	16.40	293	2875	24.45	2.49	24.57	264
900	14.68	-2.19	14.85	278	1900	15.38	-6.20	16.58	292	2900	24.92	2.58	25.06	264
925	14.34	-2.30	14.52	279	1925	15.73	-5.97	16.83	291	2925	25.09	2.92	25.26	263
950	14.63	-2.82	14.90	281	1950	15.56	-5.67	16.56	290	2950	25.25	3.09	25.44	263
975	15.06	-3.10	15.38	281	1975	15.43	-5.48	16.37	289	2975	26.00	2.84	26.16	264
1000	15.18	-3.18	15.51	282	2000	15.65	-5.52	16.60	289	3000	26.41	2.51	26.53	264
1025	14.81	-3.38	15.19	283	2025	15.85	-5.60	16.81	289	3025	26.58	2.25	26.67	265
1050	14.54	-3.65	14.99	284	2050	15.62	-5.56	16.58	289	3050	27.01	1.99	27.09	266
1075	14.33	-4.06	14.90	286	2075	15.52	-5.64	16.52	290	3075	27.08	1.81	27.15	266
1100	14.12	-4.24	14.75	287	2100	15.57	-5.73	16.59	290	3100	27.06	1.79	27.12	266
1125	14.03	-4.65	14.78	288	2125	15.56	-5.61	16.54	290	3125	27.05	1.79	27.11	266
1150	14.15	-5.03	15.02	289	2150	15.66	-5.09	16.46	288	3150	26.92	1.86	26.98	266
1175	14.16	-4.87	14.97	289	2175	15.55	-4.34	16.14	285	3175	26.99	1.98	27.06	266
1200	13.96	-4.90	14.79	289	2200	15.60	-3.82	16.06	284	3200	27.03	1.97	27.11	266

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1644 03/13/65, 01222, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	27.14	1.86	27.21	266	4225	33.96	-3.36	34.12	275	5225	32.96	-4.88	33.32	278
3250	27.29	1.81	27.35	266	4250	33.91	-3.62	34.10	276	5250	32.64	-4.77	32.99	278
3275	27.34	1.85	27.40	266	4275	33.92	-3.67	34.12	276	5275	32.80	-4.70	33.13	278
3300	27.51	1.96	27.58	266	4300	33.60	-3.54	33.79	276	5300	32.89	-4.55	33.21	278
3325	27.57	2.12	27.65	265	4325	33.52	-3.40	33.69	276	5325	32.78	-4.47	33.09	278
3350	27.99	2.17	28.08	265	4350	33.45	-3.32	33.62	275	5350	33.06	-4.38	33.35	277
3375	28.47	2.16	28.56	265	4375	33.41	-3.42	33.58	276	5375	33.37	-4.31	33.65	277
3400	28.52	1.87	28.58	266	4400	33.19	-3.57	33.38	276	5400	33.12	-4.08	33.37	277
3425	28.67	1.47	28.71	267	4425	32.95	-3.55	33.14	276	5425	32.73	-3.38	32.91	276
3450	28.76	1.07	28.78	268	4450	33.11	-3.49	33.30	276	5450	32.74	-2.69	32.85	275
3475	29.02	0.89	29.03	268	4475	32.92	-3.73	33.13	276	5475	32.95	-2.31	33.03	274
3500	29.40	0.69	29.41	268	4500	32.99	-4.27	33.26	277	5500	33.23	-1.94	33.29	273
3525	29.90	0.37	29.90	269	4525	33.16	-4.90	33.52	278	5525	33.33	-1.78	33.38	273
3550	30.30	0.46	30.30	269	4550	33.21	-5.34	33.64	279	5550	33.65	-2.04	33.71	273
3575	30.68	0.66	30.69	269	4575	33.38	-5.51	33.83	279	5575	34.04	-2.46	34.13	274
3600	30.99	0.81	31.00	268	4600	33.40	-5.75	33.89	280	5600	34.14	-2.99	34.27	275
3625	31.14	0.75	31.15	268	4625	33.81	-6.06	34.35	280	5625	34.26	-3.23	34.41	275
3650	31.21	0.52	31.21	269	4650	34.00	-6.50	34.61	281	5650	34.58	-3.02	34.71	275
3675	31.14	0.23	31.14	269	4675	34.01	-6.99	34.72	281	5675	34.78	-2.89	34.90	275
3700	31.04	0.07	31.04	270	4700	34.13	-7.21	34.89	282	5700	34.89	-2.67	35.00	274
3725	31.25	-0.34	31.26	270	4725	34.00	-7.27	34.77	282	5725	35.16	-2.36	35.24	274
3750	31.71	-0.97	31.72	272	4750	34.11	-7.37	34.89	282	5750	35.24	-2.31	35.32	274
3775	32.17	-1.53	32.21	273	4775	34.01	-7.38	34.80	282	5775	35.38	-2.11	35.44	273
3800	32.76	-1.91	32.82	273	4800	33.59	-7.04	34.32	282	5800	35.38	-1.64	35.42	272
3825	33.02	-2.32	33.10	274	4825	33.55	-6.69	34.21	281	5825	35.01	-1.44	35.04	272
3850	33.02	-2.91	33.15	275	4850	33.61	-6.44	34.22	281	5850	34.93	-1.24	34.95	272
3875	33.61	-3.13	33.75	275	4875	33.89	-6.19	34.45	280	5875	35.19	-0.99	35.20	271
3900	33.82	-2.92	33.94	275	4900	34.02	-6.01	34.55	280	5900	35.47	-0.99	35.48	271
3925	33.60	-2.64	33.70	274	4925	33.59	-5.76	34.09	280	5925	35.50	-0.98	35.52	271
3950	33.73	-2.52	33.82	274	4950	33.48	-5.44	33.92	279	5950	35.51	-0.97	35.53	271
3975	33.74	-2.48	33.84	274	4975	33.46	-5.08	33.85	278	5975	35.56	-0.90	35.57	271
4000	33.78	-2.46	33.87	274	5000	33.27	-4.65	33.60	278	6000	35.76	-0.81	35.77	271
4025	33.72	-2.49	33.81	274	5025	33.31	-4.40	33.60	277	6025	35.94	-0.60	35.95	271
4050	33.83	-2.60	33.93	274	5050	33.15	-4.43	33.45	277	6050	35.90	-0.40	35.91	270
4075	33.91	-2.83	34.03	275	5075	33.21	-4.42	33.50	277	6075	35.70	-0.23	35.70	270
4100	33.98	-2.91	34.11	275	5100	33.36	-4.49	33.66	277	6100	35.44	-0.13	35.44	270
4125	33.82	-2.85	33.94	275	5125	33.07	-4.67	33.40	278	6125	35.25	-0.13	35.25	270
4150	33.77	-2.98	33.90	275	5150	33.11	-4.77	33.46	278	6150	34.96	0.14	34.96	270
4175	33.84	-3.13	33.98	275	5175	33.30	-4.75	33.64	278	6175	34.67	0.39	34.67	269
4200	33.97	-3.20	34.12	275	5200	33.20	-4.84	33.55	278	6200	34.43	0.58	34.43	269

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-52 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1644 03/13/65, 0122Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	34.30	0.65	34.30	269	7225	33.30	-2.87	33.42	275	8225	38.83	-3.43	38.98	275
6250	34.07	0.81	34.07	268	7250	32.96	-2.64	33.06	274	8250	39.10	-4.07	39.31	276
6275	33.88	0.98	33.90	268	7275	32.65	-3.19	32.81	275	8275	39.62	-4.51	39.88	276
6300	33.71	0.78	33.72	268	7300	32.64	-3.53	32.83	276	8300	39.81	-4.52	40.07	276
6325	33.66	0.34	33.66	269	7325	32.68	-3.48	32.87	276	8325	40.05	-4.58	40.31	276
6350	33.76	0.08	33.76	270	7350	32.67	-3.67	32.88	276	8350	39.98	-4.86	40.28	277
6375	33.78	-0.05	33.78	270	7375	32.87	-3.80	33.09	276	8375	39.47	-4.77	39.76	277
6400	33.86	-0.23	33.86	270	7400	33.27	-4.03	33.52	277	8400	39.29	-4.48	39.54	276
6425	33.78	-0.13	33.78	270	7425	33.51	-4.18	33.77	277	8425	39.32	-4.64	39.59	277
6450	33.70	-0.20	33.70	270	7450	33.95	-4.31	34.22	277	8450	39.36	-4.51	39.62	276
6475	33.68	-0.24	33.68	270	7475	34.05	-4.19	34.31	277	8475	39.24	-4.17	39.46	276
6500	33.58	-0.44	33.58	271	7500	34.20	-4.06	34.44	277	8500	39.40	-4.81	39.69	277
6525	33.47	-0.82	33.48	271	7525	34.54	-4.23	34.79	277	8525	39.59	-5.19	39.93	277
6550	33.36	-0.92	33.37	271	7550	34.84	-4.20	35.09	277	8550	39.83	-5.00	40.14	277
6575	33.11	-1.51	33.15	272	7575	35.23	-3.82	35.44	276	8575	40.20	-5.03	40.51	277
6600	32.90	-1.96	32.96	273	7600	35.25	-3.18	35.40	275	8600	40.83	-4.77	41.11	276
6625	32.74	-1.92	32.80	273	7625	35.31	-3.18	35.45	275	8625	41.09	-4.55	41.34	276
6650	32.51	-1.78	32.55	273	7650	35.78	-3.05	35.91	275	8650	41.10	-4.72	41.37	276
6675	32.65	-1.45	32.68	272	7675	36.14	-2.89	36.26	274	8675	41.54	-4.63	41.80	276
6700	32.78	-1.67	32.83	273	7700	36.06	-3.31	36.21	275	8700	41.60	-4.59	41.85	276
6725	33.26	-2.10	33.32	273	7725	35.70	-3.79	35.90	276	8725	41.44	-4.55	41.69	276
6750	33.58	-2.00	33.64	273	7750	36.11	-3.84	36.32	276	8750	41.16	-4.49	41.40	276
6775	33.53	-1.88	33.59	273	7775	36.75	-3.60	36.92	275	8775	41.51	-3.91	41.69	275
6800	33.55	-1.81	33.60	273	7800	37.16	-3.33	37.31	275	8800	41.99	-3.69	42.15	275
6825	33.57	-1.95	33.63	273	7825	37.50	-3.44	37.66	275	8825	41.92	-3.87	42.10	275
6850	33.78	-1.90	33.83	273	7850	37.88	-3.55	38.05	275	8850	42.22	-3.54	42.37	275
6875	34.02	-1.65	34.06	273	7875	38.34	-3.35	38.49	275	8875	42.65	-3.53	42.79	275
6900	33.92	-1.53	33.95	272	7900	38.76	-3.59	38.93	275	8900	42.85	-3.76	43.02	275
6925	33.69	-1.38	33.72	272	7925	39.24	-3.95	39.43	276	8925	42.95	-3.59	43.10	275
6950	33.47	-1.36	33.50	272	7950	39.51	-4.29	39.74	276	8950	43.20	-3.41	43.33	274
6975	33.41	-1.20	33.43	272	7975	39.57	-4.44	39.81	276	8975	43.27	-3.35	43.40	274
7000	33.68	-1.09	33.70	272	8000	39.46	-4.26	39.69	276	9000	43.13	-3.23	43.25	274
7025	33.95	-1.36	33.98	272	8025	39.20	-3.59	39.37	275	9025	43.17	-3.13	43.28	274
7050	33.88	-1.20	33.90	272	8050	39.03	-3.58	39.20	275	9050	43.24	-3.32	43.37	274
7075	33.64	-1.01	33.65	272	8075	38.47	-3.57	38.64	275	9075	43.15	-2.89	43.24	274
7100	33.70	-1.63	33.74	273	8100	37.65	-3.34	37.79	275	9100	42.96	-2.31	43.02	273
7125	33.92	-2.30	34.00	274	8125	37.43	-3.28	37.57	275	9125	42.88	-2.39	42.95	273
7150	34.04	-2.61	34.13	274	8150	37.85	-2.82	37.96	274	9150	43.07	-2.04	43.12	273
7175	33.64	-2.39	33.73	274	8175	38.31	-2.74	38.40	274	9175	42.95	-1.70	42.98	272
7200	33.31	-2.71	33.42	274	8200	38.75	-2.93	38.86	274	9200	42.70	-1.77	42.74	272

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1644 03/13/65, 0122Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	42.74	-1.40	42.76	272	10225	45.45	-4.12	45.64	275	11225	47.22	-8.44	47.97	280
9250	42.80	-1.58	42.83	272	10250	45.72	-4.08	45.90	275	11250	47.24	-8.28	47.96	280
9275	43.01	-1.27	43.03	272	10275	45.65	-4.62	45.89	276	11275	47.41	-9.15	48.28	281
9300	43.02	-1.10	43.03	271	10300	45.67	-5.01	45.95	276	11300	47.05	-10.01	48.10	282
9325	43.01	-1.34	43.03	272	10325	45.89	-4.68	46.13	276	11325	47.45	-9.02	48.30	281
9350	42.90	-1.02	42.91	271	10350	45.95	-5.28	46.26	276	11350	47.35	-9.09	48.22	281
9375	42.64	-1.39	42.66	272	10375	45.45	-5.41	45.77	277	11375	46.73	-9.62	47.72	281
9400	43.12	-1.14	43.13	271	10400	44.76	-5.46	45.10	277	11400	46.54	-9.84	47.57	282
9425	43.70	-1.13	43.72	271	10425	46.11	-5.75	46.46	277	11425	46.70	-9.80	47.72	282
9450	43.79	-1.78	43.83	272	10450	46.43	-5.97	46.81	277	11450	47.39	-9.71	48.38	281
9475	43.99	-1.70	44.02	272	10475	46.54	-6.38	46.98	278	11475	47.39	-9.77	48.38	281
9500	44.14	-1.44	44.17	272	10500	47.15	-6.31	47.57	277	11500	47.38	-9.82	48.39	282
9525	43.96	-0.86	43.96	271	10525	47.43	-6.37	47.86	277	11525	46.69	-11.21	48.02	283
9550	44.38	-0.46	44.38	270	10550	47.13	-6.69	47.60	278	11550	46.73	-12.45	48.36	285
9575	45.02	-0.29	45.03	270	10575	47.07	-6.48	47.52	278	11575	46.62	-12.64	48.31	285
9600	45.08	-0.10	45.08	270	10600	47.18	-6.81	47.67	278	11600	46.76	-11.21	48.08	283
9625	44.76	-0.28	44.76	270	10625	47.17	-6.88	47.67	278	11625	46.76	-11.26	48.10	283
9650	45.61	-0.54	45.61	270	10650	47.28	-6.52	47.72	278	11650	46.49	-11.27	47.84	283
9675	45.58	-0.25	45.58	270	10675	47.30	-7.21	47.85	278	11675	45.88	-11.22	47.23	284
9700	45.33	-0.29	45.33	270	10700	47.44	-7.78	48.08	279	11700	45.29	-11.39	46.70	284
9725	45.67	-0.57	45.68	271	10725	48.25	-9.49	49.18	281	11725	45.37	-10.80	46.64	283
9750	45.35	-0.72	45.36	271	10750	48.33	-10.19	49.40	282	11750	45.11	-10.07	46.22	282
9775	45.37	-0.16	45.37	270	10775	48.12	-10.72	49.29	282	11775	44.76	-10.54	45.98	283
9800	45.35	-0.10	45.35	270	10800	48.41	-11.34	49.72	283	11800	44.05	-9.93	45.16	283
9825	45.35	0.18	45.35	270	10825	48.34	-11.40	49.66	283	11825	44.31	-9.64	45.35	282
9850	45.64	0.36	45.64	269	10850	48.51	-11.49	49.85	283	11850	44.50	-10.86	45.81	284
9875	45.63	-0.55	45.63	271	10875	48.56	-11.24	49.84	283	11875	44.08	-10.91	45.41	284
9900	45.59	-0.66	45.59	271	10900	48.28	-10.89	49.49	283	11900	42.69	-10.99	44.08	284
9925	45.61	-0.18	45.61	270	10925	47.97	-10.75	49.16	282	11925	42.25	-9.35	43.27	282
9950	45.66	-0.47	45.66	270	10950	48.04	-10.64	49.20	282	11950	42.04	-10.01	43.22	283
9975	45.75	-1.21	45.77	271	10975	47.88	-11.01	49.13	283	11975	41.54	-10.61	42.87	284
10000	45.72	-1.06	45.74	271	11000	48.05	-11.22	49.34	283	12000	42.15	-9.50	43.20	283
10025	45.47	-1.33	45.48	271	11025	48.08	-10.75	49.27	282	12025	42.37	-9.97	43.53	283
10050	45.51	-1.97	45.55	272	11050	47.84	-10.67	49.01	282	12050	42.17	-10.15	43.37	283
10075	45.41	-2.33	45.47	273	11075	47.64	-10.60	48.81	282	12075	41.57	-10.30	42.82	284
10100	45.34	-2.42	45.41	273	11100	47.76	-9.71	48.74	281	12100	41.36	-10.82	42.75	284
10125	45.33	-2.83	45.42	273	11125	47.77	-9.57	48.72	281	12125	41.96	-9.38	43.00	282
10150	45.44	-2.88	45.53	273	11150	47.21	-9.78	48.22	282	12150	41.94	-9.08	42.91	282
10175	45.70	-3.03	45.80	274	11175	47.32	-9.32	48.23	281	12175	41.46	-9.65	42.57	283
10200	45.43	-3.75	45.58	275	11200	47.62	-8.58	48.39	280	12200	41.09	-9.28	42.12	283

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-52 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1644 03/13/65, 01222, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	41.23	-9.54	42.32	283	13225	38.09	-10.90	39.61	286					
12250	41.26	-9.88	42.43	283	13250	38.68	-10.70	40.13	285					
12275	40.67	-9.90	41.86	283	13275	39.34	-10.08	40.61	284					
12300	40.96	-10.02	42.16	284	13300	39.36	-10.58	40.76	285					
12325	41.20	-9.10	42.19	282	13325	38.82	-10.48	40.21	285					
12350	40.96	-8.36	41.81	281	13350	38.61	-9.40	39.74	284					
12375	40.71	-8.29	41.54	281	13375	38.97	-10.34	40.32	285					
12400	40.35	-8.33	41.20	281	13400	38.86	-10.84	40.34	285					
12425	40.06	-6.99	40.66	280	13425	38.49	-10.12	39.80	285					
12450	39.94	-6.12	40.41	279	13450	38.22	-8.88	39.24	283					
12475	38.72	-6.56	39.27	279	13475	38.17	-8.99	39.22	283					
12500	39.45	-6.86	40.04	280	13500	38.12	-9.11	39.19	283					
12525	39.67	-7.28	40.33	280	13525	38.06	-9.23	39.16	283					
12550	39.65	-7.16	40.29	280	13550	37.92	-9.15	39.00	283					
12575	39.62	-7.04	40.24	280	13575	38.32	-8.33	39.21	282					
12600	39.44	-6.69	40.00	279	13600	38.35	-8.16	39.21	282					
12625	39.35	-6.66	39.91	279	13625	37.79	-5.52	38.19	278					
12650	39.40	-6.87	39.99	280	13650	38.05	-7.24	38.73	281					
12675	39.44	-7.09	40.07	280	13675	38.25	-8.39	39.16	282					
12700	39.40	-8.31	40.27	282	13700	38.17	-8.44	39.10	282					
12725	39.69	-8.35	40.56	282	13725	37.88	-8.02	38.72	282					
12750	40.08	-8.48	40.97	282	13750	37.92	-9.14	39.01	283					
12775	40.23	-7.68	40.96	281	13775	37.89	-8.93	38.93	283					
12800	39.70	-6.91	40.30	280	13800	37.87	-8.73	38.86	283					
12825	39.43	-8.18	40.27	282	13825	37.84	-8.52	38.79	282					
12850	39.67	-9.01	40.68	283	13850	37.82	-8.31	38.72	282					
12875	39.34	-9.68	40.52	284	13875	37.79	-8.10	38.65	282					
12900	37.75	-11.21	39.38	286	13900	37.76	-7.90	38.58	282					
12925	36.65	-13.28	38.98	290	13925	37.74	-7.69	38.51	281					
12950	39.97	-7.37	40.65	280	13950	38.01	-8.72	38.99	283					
12975	39.86	-7.65	40.59	281	13975	38.27	-7.51	39.00	281					
13000	39.43	-8.45	40.32	282	14000	38.54	-7.72	39.31	281					
13025	38.99	-9.26	40.07	283										
13050	39.20	-9.21	40.27	283										
13075	39.21	-9.74	40.40	284										
13100	39.12	-9.82	40.33	284										
13125	39.03	-9.90	40.26	284										
13150	38.98	-9.94	40.22	284										
13175	38.93	-9.97	40.19	284										
13200	38.88	-10.01	40.15	284										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-53

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1800 03/16/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
325	-6.36	5.69	8.53	132	1325	0.86	-0.08	0.87	275	2325	12.32	2.98	12.68	256
350	-5.52	5.57	7.84	135	1350	0.93	-0.27	0.96	286	2350	13.02	2.42	13.24	259
375	-5.10	5.89	7.79	139	1375	1.04	-0.34	1.09	288	2375	13.13	1.95	13.27	261
400	-4.62	6.12	7.67	143	1400	1.24	-0.25	1.26	281	2400	13.40	1.72	13.51	263
425	-4.00	6.18	7.37	147	1425	1.52	-0.07	1.52	272	2425	14.01	1.52	14.10	264
450	-3.52	6.28	7.20	151	1450	1.52	0.17	1.53	263	2450	14.55	1.32	14.61	265
475	-3.51	6.43	7.33	151	1475	1.48	0.25	1.50	260	2475	15.15	1.12	15.19	266
500	-3.41	6.49	7.33	152	1500	1.48	0.31	1.51	258	2500	15.43	0.77	15.45	267
525	-3.05	6.47	7.16	155	1525	1.43	0.61	1.55	247	2525	15.07	0.18	15.07	269
550	-2.80	6.29	6.89	156	1550	1.67	0.91	1.90	241	2550	14.97	-0.38	14.97	271
575	-2.59	6.05	6.58	157	1575	2.01	1.02	2.25	243	2575	15.34	-0.75	15.36	273
600	-2.44	5.84	6.33	157	1600	2.15	0.85	2.31	248	2600	15.72	-0.79	15.74	273
625	-2.22	5.56	5.98	158	1625	2.54	0.52	2.60	258	2625	15.79	-0.64	15.80	272
650	-1.90	5.27	5.60	160	1650	3.01	0.10	3.01	268	2650	15.76	-0.67	15.78	272
675	-1.65	5.07	5.33	162	1675	3.46	-0.34	3.47	275	2675	16.22	-0.91	16.24	273
700	-1.49	4.73	4.96	162	1700	3.61	-0.56	3.65	279	2700	16.72	-1.05	16.75	273
725	-1.42	4.40	4.62	162	1725	3.54	-0.53	3.58	278	2725	16.91	-1.09	16.95	274
750	-1.36	4.00	4.22	161	1750	3.48	-0.34	3.50	275	2750	17.02	-0.98	17.05	273
775	-1.00	3.45	3.59	164	1775	3.31	0.01	3.31	270	2775	16.97	-0.97	17.00	273
800	-0.32	2.94	2.95	174	1800	3.10	0.43	3.13	262	2800	17.02	-1.16	17.06	274
825	0.13	2.76	2.76	183	1825	3.03	0.70	3.11	257	2825	17.16	-1.29	17.21	274
850	0.34	2.84	2.86	187	1850	3.10	0.84	3.21	255	2850	17.31	-1.41	17.36	274
875	0.45	2.59	2.63	190	1875	3.13	0.97	3.28	253	2875	17.46	-1.62	17.53	275
900	0.56	2.28	2.34	194	1900	3.42	1.35	3.67	248	2900	17.42	-1.49	17.48	275
925	0.95	2.26	2.45	203	1925	3.70	1.99	4.21	242	2925	17.18	-1.15	17.22	274
950	1.44	2.22	2.65	213	1950	3.98	2.44	4.67	238	2950	17.23	-1.02	17.26	273
975	2.10	2.05	2.93	226	1975	4.35	2.71	5.13	238	2975	17.53	-0.98	17.56	273
1000	2.68	1.81	3.24	236	2000	4.95	3.04	5.81	238	3000	17.71	-1.23	17.75	274
1025	2.92	1.55	3.30	242	2025	5.45	3.23	6.33	239	3025	17.69	-1.48	17.76	275
1050	2.92	1.24	3.17	247	2050	5.82	3.32	6.70	240	3050	17.70	-1.45	17.76	274
1075	2.65	0.94	2.81	250	2075	6.61	3.21	7.35	244	3075	18.04	-1.33	18.09	274
1100	2.25	0.75	2.37	251	2100	7.66	2.96	8.21	249	3100	18.06	-1.44	18.12	274
1125	2.05	0.58	2.13	254	2125	8.34	2.70	8.77	252	3125	17.92	-1.59	17.99	275
1150	1.86	0.30	1.88	261	2150	8.96	2.65	9.34	253	3150	17.95	-1.69	18.03	275
1175	1.35	0.06	1.36	267	2175	9.68	2.94	10.11	253	3175	17.76	-1.87	17.86	276
1200	0.98	0.09	0.99	264	2200	10.16	3.28	10.67	252	3200	17.50	-2.06	17.62	277
1225	0.81	0.23	0.85	254	2225	10.70	3.38	11.22	252	3225	17.30	-2.00	17.41	276
1250	0.76	0.27	0.81	250	2250	11.15	3.22	11.61	254	3250	17.32	-1.87	17.42	276
1275	0.66	0.11	0.67	260	2275	11.42	3.12	11.84	255	3275	17.37	-1.95	17.48	276
1300	0.74	-0.01	0.74	271	2300	11.66	3.12	12.07	255	3300	17.11	-2.25	17.26	277

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1800 03/16/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3325	17.29	-2.24	17.44	277	4325	24.53	-8.82	26.07	290	5325	34.62	-12.35	36.75	289
3350	17.51	-2.47	17.68	278	4350	24.91	-9.37	26.61	290	5350	34.54	-12.43	36.71	290
3375	17.50	-3.56	17.86	281	4375	25.14	-9.80	26.98	291	5375	34.45	-12.44	36.62	290
3400	17.70	-4.82	18.35	285	4400	25.23	-9.88	27.10	291	5400	34.48	-12.50	36.68	290
3425	17.82	-5.71	18.71	288	4425	25.84	-9.56	27.56	290	5425	34.44	-12.87	36.76	290
3450	18.19	-5.93	19.13	288	4450	26.29	-9.27	27.88	289	5450	34.38	-12.72	36.66	290
3475	18.57	-6.02	19.52	288	4475	26.88	-9.29	28.44	289	5475	34.13	-11.86	36.13	289
3500	18.82	-6.41	19.88	289	4500	27.72	-9.40	29.27	289	5500	33.71	-10.92	35.43	288
3525	19.56	-6.56	20.63	288	4525	28.55	-9.53	30.10	288	5525	33.60	-10.03	35.06	286
3550	20.49	-6.71	21.56	288	4550	29.36	-9.62	30.89	288	5550	33.15	-9.27	34.42	285
3575	21.15	-7.01	22.28	288	4575	30.00	-9.96	31.61	288	5575	32.72	-8.41	33.78	284
3600	21.94	-7.24	23.11	288	4600	30.63	-10.29	32.31	288	5600	31.86	-7.43	32.71	283
3625	22.75	-7.20	23.87	287	4625	31.01	-10.46	32.73	288	5625	31.27	-6.45	31.93	281
3650	23.44	-6.85	24.42	286	4650	31.31	-10.60	33.06	289	5650	31.25	-5.71	31.76	280
3675	23.51	-6.75	24.46	286	4675	31.34	-10.72	33.12	289	5675	30.99	-5.31	31.45	280
3700	23.04	-6.77	24.02	286	4700	31.55	-10.91	33.38	289	5700	30.88	-4.96	31.28	279
3725	22.96	-6.80	23.94	286	4725	31.74	-11.06	33.61	289	5725	30.81	-5.09	31.23	279
3750	22.79	-6.84	23.80	287	4750	31.88	-11.19	33.79	289	5750	30.56	-5.30	31.02	280
3775	22.63	-6.83	23.64	287	4775	32.11	-11.26	34.03	289	5775	30.34	-5.23	30.79	280
3800	22.64	-6.84	23.65	287	4800	32.31	-11.32	34.23	289	5800	30.17	-5.15	30.61	280
3825	22.40	-6.72	23.39	287	4825	32.42	-11.36	34.36	289	5825	30.13	-5.14	30.57	280
3850	22.38	-6.63	23.34	286	4850	32.52	-11.31	34.43	289	5850	29.96	-5.23	30.41	280
3875	22.34	-6.54	23.28	286	4875	32.80	-11.28	34.68	289	5875	29.87	-5.13	30.30	280
3900	22.31	-6.63	23.28	286	4900	33.00	-11.41	34.91	289	5900	29.90	-5.02	30.32	279
3925	22.24	-6.71	23.22	287	4925	33.34	-11.48	35.26	289	5925	29.77	-5.67	30.31	281
3950	21.87	-6.77	22.90	287	4950	33.88	-11.39	35.74	288	5950	29.80	-5.97	30.40	281
3975	21.88	-6.83	22.92	287	4975	34.28	-11.23	36.07	288	5975	29.65	-6.35	30.33	282
4000	21.72	-6.76	22.75	287	5000	34.36	-11.32	36.18	288	6000	29.37	-7.10	30.22	283
4025	21.57	-6.77	22.61	287	5025	34.15	-11.47	36.03	288	6025	29.67	-7.36	30.57	284
4050	21.61	-6.70	22.63	287	5050	33.84	-11.63	35.78	289	6050	29.92	-7.44	30.83	284
4075	21.38	-6.65	22.39	287	5075	33.70	-11.93	35.74	289	6075	29.35	-7.61	30.32	284
4100	21.39	-6.79	22.44	287	5100	33.44	-11.85	35.48	289	6100	29.27	-7.89	30.32	285
4125	21.54	-7.17	22.70	288	5125	33.58	-11.96	35.65	289	6125	29.48	-8.29	30.63	286
4150	21.79	-7.71	23.12	289	5150	33.68	-12.19	35.82	290	6150	29.57	-8.25	30.69	285
4175	21.73	-8.16	23.22	290	5175	33.93	-12.01	36.00	289	6175	29.73	-8.33	30.87	285
4200	22.15	-8.54	23.74	291	5200	34.30	-11.93	36.32	289	6200	29.64	-8.49	30.83	286
4225	23.06	-8.95	24.74	291	5225	34.13	-12.06	36.20	289	6225	29.71	-8.17	30.81	285
4250	23.35	-8.86	24.97	291	5250	34.25	-11.99	36.28	289	6250	30.05	-8.23	31.15	285
4275	23.73	-8.65	25.25	290	5275	34.34	-12.08	36.40	289	6275	30.34	-8.18	31.43	285
4300	24.23	-8.66	25.73	289	5300	34.48	-12.33	36.62	290	6300	30.42	-8.07	31.47	285

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-53 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1800 03/16/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6325	30.42	-7.87	31.42	284	7325	33.98	-13.26	36.47	291	8325	42.77	-9.39	43.79	282
6350	30.92	-7.84	31.90	284	7350	33.97	-13.34	36.50	291	8350	43.01	-9.08	43.96	282
6375	31.47	-8.25	32.53	285	7375	34.48	-13.65	37.09	291	8375	43.25	-8.80	44.14	281
6400	31.73	-8.12	32.75	284	7400	34.97	-13.96	37.66	292	8400	43.14	-8.49	43.96	281
6425	31.92	-7.68	32.83	283	7425	34.61	-13.83	37.27	292	8425	42.98	-8.09	43.74	280
6450	32.11	-7.24	32.92	283	7450	34.40	-13.82	37.08	292	8450	42.81	-7.93	43.54	280
6475	32.30	-6.80	33.01	282	7475	34.52	-14.15	37.31	292	8475	42.97	-8.17	43.74	281
6500	32.50	-6.35	33.11	281	7500	34.85	-14.30	37.67	292	8500	43.15	-8.09	43.91	280
6525	32.69	-5.91	33.22	280	7525	35.30	-15.12	38.40	293	8525	43.27	-8.13	44.03	280
6550	32.88	-5.47	33.33	279	7550	35.75	-16.06	39.19	294	8550	43.37	-8.53	44.20	281
6575	33.32	-5.43	33.76	279	7575	36.18	-16.48	39.75	294	8575	43.34	-8.51	44.16	281
6600	33.78	-6.09	34.33	280	7600	36.73	-16.77	40.38	294	8600	43.22	-8.40	44.03	281
6625	34.11	-6.48	34.72	281	7625	37.33	-16.92	40.99	294	8625	43.07	-8.51	43.90	281
6650	34.31	-6.99	35.02	281	7650	37.40	-16.93	41.05	294	8650	43.09	-8.75	43.97	281
6675	34.26	-7.42	35.05	282	7675	37.57	-16.42	41.00	293	8675	43.01	-9.12	43.96	282
6700	34.29	-7.98	35.21	283	7700	38.15	-15.78	41.28	292	8700	42.80	-9.21	43.78	282
6725	34.62	-8.57	35.67	284	7725	38.56	-15.68	41.62	292	8725	42.50	-9.20	43.48	282
6750	34.71	-8.88	35.83	284	7750	38.87	-15.53	41.86	292	8750	42.57	-9.48	43.61	282
6775	34.82	-8.86	35.93	284	7775	39.29	-14.80	41.98	290	8775	42.89	-9.95	44.03	283
6800	34.94	-8.52	35.97	284	7800	39.74	-13.88	42.09	289	8800	42.85	-10.18	44.04	283
6825	34.92	-8.03	35.83	283	7825	40.33	-13.26	42.45	288	8825	42.79	-10.30	44.01	283
6850	35.09	-7.60	35.90	282	7850	40.64	-12.49	42.52	287	8850	42.80	-10.35	44.04	283
6875	35.11	-7.20	35.84	281	7875	40.90	-11.61	42.51	286	8875	42.67	-10.87	44.03	284
6900	34.73	-7.21	35.47	282	7900	41.57	-11.33	43.09	285	8900	42.46	-11.17	43.90	285
6925	34.46	-7.42	35.25	282	7925	41.86	-10.75	43.21	284	8925	42.31	-11.37	43.82	285
6950	34.33	-7.61	35.17	282	7950	42.58	-9.41	43.61	282	8950	42.47	-12.12	44.16	286
6975	34.27	-7.79	35.14	283	7975	43.11	-8.76	44.00	281	8975	42.59	-12.28	44.33	286
7000	34.27	-8.00	35.19	283	8000	42.79	-9.24	43.78	282	9000	42.87	-12.48	44.65	286
7025	34.25	-8.50	35.29	284	8025	42.61	-9.44	43.65	282	9025	43.39	-11.97	45.01	285
7050	34.31	-8.74	35.40	284	8050	42.58	-9.39	43.60	282	9050	43.56	-10.81	44.88	284
7075	34.30	-8.76	35.40	284	8075	42.67	-9.70	43.76	283	9075	43.47	-10.72	44.78	284
7100	33.79	-8.84	34.93	284	8100	42.59	-10.14	43.78	283	9100	43.52	-11.23	44.95	284
7125	33.73	-8.96	34.90	285	8125	42.49	-10.30	43.72	283	9125	43.62	-10.87	44.95	284
7150	34.01	-9.34	35.26	285	8150	42.38	-10.51	43.66	284	9150	43.70	-10.83	45.02	284
7175	33.73	-9.65	35.00	286	8175	42.32	-10.83	43.68	284	9175	43.73	-10.99	45.09	284
7200	33.44	-10.60	35.08	287	8200	42.50	-10.75	43.84	284	9200	43.64	-10.30	44.84	283
7225	33.55	-11.71	35.54	289	8225	42.66	-10.45	43.92	284	9225	43.61	-9.85	44.70	283
7250	33.94	-12.54	36.19	290	8250	42.64	-10.10	43.82	283	9250	43.61	-9.66	44.67	282
7275	34.08	-12.82	36.41	290	8275	42.70	-9.81	43.81	283	9275	44.11	-9.57	45.14	282
7300	33.93	-12.94	36.31	291	8300	42.82	-9.74	43.91	283	9300	44.26	-10.15	45.41	283

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1800 03/16/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9325	44.05	-10.29	45.23	283	10325	47.59	-11.50	48.96	283	11325	47.32	-11.21	48.63	283
9350	44.40	-9.98	45.50	282	10350	47.91	-10.97	49.15	283	11350	47.67	-12.15	49.19	284
9375	44.60	-11.02	45.94	284	10375	47.91	-11.50	49.27	283	11375	48.18	-11.05	49.43	283
9400	44.38	-11.11	45.75	284	10400	47.58	-12.51	49.19	285	11400	48.07	-10.51	49.20	282
9425	43.79	-11.06	45.17	284	10425	47.69	-10.83	48.90	283	11425	47.83	-11.52	49.20	283
9450	44.19	-11.70	45.71	285	10450	48.08	-10.29	49.17	282	11450	48.31	-10.89	49.52	283
9475	44.35	-11.60	45.85	284	10475	48.12	-11.01	49.36	283	11475	48.27	-11.15	49.54	283
9500	44.09	-11.93	45.67	285	10500	47.85	-10.60	49.01	282	11500	48.14	-11.38	49.47	283
9525	43.95	-12.73	45.76	286	10525	47.86	-9.38	48.77	281	11525	48.42	-10.59	49.56	282
9550	44.20	-12.99	46.07	286	10550	48.11	-9.15	48.97	281	11550	48.36	-10.56	49.50	282
9575	44.46	-12.92	46.29	286	10575	48.29	-8.22	48.99	279	11575	48.32	-10.94	49.54	283
9600	44.57	-12.98	46.42	286	10600	47.73	-8.81	48.54	280	11600	48.63	-10.40	49.73	282
9625	44.94	-12.48	46.64	285	10625	47.72	-9.19	48.60	281	11625	48.38	-10.48	49.50	282
9650	44.97	-13.54	46.97	287	10650	48.20	-7.93	48.85	279	11650	48.02	-10.48	49.15	282
9675	45.09	-14.58	47.39	288	10675	47.92	-7.20	48.46	278	11675	48.35	-10.63	49.51	282
9700	45.45	-14.68	47.76	288	10700	47.75	-6.48	48.19	278	11700	48.24	-11.86	49.68	284
9725	45.64	-14.53	47.90	287	10725	47.69	-7.01	48.21	278	11725	48.49	-11.48	49.83	283
9750	45.79	-13.84	47.84	287	10750	47.68	-8.08	48.36	279	11750	48.49	-10.72	49.66	282
9775	45.69	-14.05	47.80	287	10775	47.69	-8.57	48.45	280	11775	48.10	-10.90	49.32	283
9800	45.47	-14.48	47.72	287	10800	47.65	-8.17	48.34	280	11800	48.46	-10.89	49.67	282
9825	45.70	-14.01	47.80	287	10825	47.79	-7.72	48.41	279	11825	48.54	-12.25	50.06	284
9850	46.05	-13.66	48.03	286	10850	47.68	-7.38	48.25	279	11850	48.39	-12.93	50.09	285
9875	46.00	-14.86	48.34	288	10875	47.40	-8.09	48.09	280	11875	48.51	-12.70	50.15	284
9900	46.42	-14.84	48.73	288	10900	47.39	-8.27	48.11	280	11900	48.41	-12.66	50.04	284
9925	46.44	-14.43	48.63	287	10925	47.49	-7.57	48.09	279	11925	48.05	-12.53	49.65	284
9950	46.05	-14.51	48.28	287	10950	47.24	-7.04	47.76	278	11950	47.84	-13.28	49.65	285
9975	46.24	-14.23	48.38	287	10975	46.82	-7.70	47.45	279	11975	47.86	-11.99	49.34	284
10000	46.76	-13.55	48.68	286	11000	46.80	-8.48	47.56	280	12000	48.23	-12.57	49.84	284
10025	46.92	-13.34	48.78	286	11025	46.93	-8.10	47.62	280	12025	48.34	-13.61	50.22	286
10050	46.76	-13.20	48.59	286	11050	46.84	-8.10	47.53	280	12050	48.65	-12.32	50.19	284
10075	46.97	-13.29	48.81	286	11075	46.78	-7.89	47.44	279	12075	48.57	-12.42	50.13	284
10100	47.43	-13.11	49.21	285	11100	46.65	-8.14	47.35	280	12100	48.23	-13.61	50.11	286
10125	47.16	-12.69	48.83	285	11125	46.69	-8.96	47.54	281	12125	48.08	-13.45	49.92	285
10150	47.03	-12.34	48.62	285	11150	46.60	-9.21	47.50	281	12150	47.71	-13.01	49.45	285
10175	47.26	-11.50	48.64	283	11175	46.22	-8.87	47.06	281	12175	47.67	-12.87	49.37	285
10200	47.08	-11.41	48.45	283	11200	46.60	-9.28	47.51	281	12200	47.39	-13.27	49.21	285
10225	47.22	-11.58	48.62	284	11225	46.62	-9.20	47.52	281	12225	47.53	-12.89	49.24	285
10250	47.53	-11.52	48.90	283	11250	46.51	-9.37	47.45	281	12250	47.69	-13.25	49.49	285
10275	48.00	-10.94	49.23	283	11275	46.92	-10.37	48.05	282	12275	47.56	-13.56	49.46	286
10300	48.02	-10.62	49.18	282	11300	47.30	-10.40	48.43	282	12300	47.57	-13.32	49.40	285

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-53 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1800 03/16/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12325	47.58	-13.09	49.35	285	13325	45.65	-20.18	49.91	294	14325	52.58	-0.28	52.58	270
12350	47.38	-14.06	49.42	286	13350	45.38	-19.79	49.51	293	14350	52.67	1.26	52.69	268
12375	47.81	-14.71	50.02	287	13375	45.12	-19.40	49.11	293	14375	53.12	-0.20	53.12	270
12400	47.96	-12.66	49.60	285	13400	45.06	-17.30	48.27	291	14400	52.93	-2.74	53.00	273
12425	47.08	-11.36	48.43	283	13425	44.57	-17.19	47.77	291	14425	54.54	0.78	54.55	269
12450	42.57	-12.00	44.23	286	13450	43.44	-17.81	46.95	292	14450	54.20	-2.18	54.24	272
12475	47.57	-11.85	49.02	284	13475	43.09	-15.79	45.89	290	14475	54.03	-4.26	54.20	274
12500	50.32	-13.35	52.06	285	13500	43.12	-15.12	45.69	289	14500	54.19	-4.51	54.38	275
12525	48.56	-12.82	50.23	285	13525	43.14	-14.44	45.50	288	14525	54.35	-4.77	54.56	275
12550	48.05	-13.28	49.85	285	13550	42.64	-12.70	44.49	286	14550	53.57	-9.32	54.38	280
12575	48.20	-14.51	50.34	287	13575	41.63	-11.53	43.20	285	14575	53.63	-8.40	54.28	279
12600	49.24	-12.84	50.88	284	13600	42.63	-10.97	44.01	284	14600	53.49	-11.45	54.70	282
12625	49.63	-10.96	50.83	282	13625	42.58	-10.77	43.92	284	14625	53.57	-10.54	54.60	281
12650	49.14	-11.66	50.51	283	13650	42.02	-9.62	43.10	283	14650	52.78	-10.53	53.82	281
12675	49.08	-13.65	50.95	285	13675	43.26	-8.25	44.04	281	14675	52.50	-12.64	54.00	283
12700	48.85	-14.29	50.90	286	13700	43.46	-7.83	44.16	280	14700	52.23	-14.76	54.27	286
12725	48.77	-12.20	50.27	284	13725	42.98	-8.82	43.88	281	14725	51.89	-16.35	54.40	287
12750	49.55	-13.03	51.23	285	13750	43.37	-7.91	44.08	280	14750	51.63	-16.33	54.15	287
12775	49.62	-15.86	52.09	288	13775	44.45	-6.98	45.00	279	14775	51.38	-16.31	53.90	287
12800	49.72	-15.03	51.94	287	13800	44.20	-7.32	44.81	279	14800	50.21	-18.05	53.35	290
12825	49.64	-14.95	51.84	287	13825	44.05	-4.61	44.29	276	14825	49.36	-19.31	53.00	291
12850	49.56	-14.87	51.75	286	13850	44.47	-3.78	44.63	275	14850	48.77	-18.65	52.21	291
12875	49.48	-14.79	51.65	286	13875	44.68	-2.98	44.78	274	14875	47.51	-19.82	51.48	292
12900	48.76	-16.18	51.38	288	13900	45.75	-2.34	45.81	273	14900	47.02	-20.25	51.20	293
12925	49.39	-14.44	51.46	286	13925	45.82	-2.27	45.87	273	14925	46.53	-20.67	50.92	294
12950	49.32	-15.55	51.71	287	13950	45.88	-2.20	45.93	273	14950	44.96	-20.23	49.30	294
12975	49.08	-17.30	52.03	289	13975	45.95	-2.12	45.99	272	14975	43.98	-20.63	48.58	295
13000	49.04	-16.41	51.72	288	14000	45.39	-0.89	45.40	271	15000	43.00	-21.03	47.87	296
13025	48.49	-16.32	51.16	288	14025	46.60	-0.83	46.60	271					
13050	48.51	-16.90	51.37	289	14050	46.62	-0.87	46.63	271					
13075	48.53	-17.48	51.58	290	14075	46.64	-0.91	46.65	271					
13100	48.02	-18.86	51.59	291	14100	46.72	2.53	46.79	267					
13125	47.36	-20.38	51.56	293	14125	48.24	2.31	48.30	267					
13150	47.63	-19.60	51.50	292	14150	47.55	-0.86	47.56	271					
13175	47.06	-19.73	51.03	293	14175	48.23	0.60	48.23	269					
13200	46.77	-20.77	51.18	294	14200	49.04	2.20	49.09	267					
13225	46.53	-20.72	50.93	294	14225	50.67	1.88	50.71	268					
13250	46.45	-19.72	50.46	293	14250	51.25	0.28	51.25	270					
13275	46.61	-20.25	50.82	293	14275	51.50	-0.11	51.50	270					
13300	46.32	-20.74	50.75	294	14300	52.22	-0.69	52.23	271					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-54

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1801 03/17/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	-9.02	6.78	11.28	127	1225	0.98	2.25	2.46	203	2225	8.05	2.50	8.43	253
250	-8.49	6.81	10.88	129	1250	1.28	2.17	2.52	210	2250	8.73	2.47	9.07	254
275	-7.95	6.78	10.45	130	1275	1.50	2.28	2.73	213	2275	9.34	2.48	9.67	255
300	-7.51	6.68	10.05	131	1300	1.69	2.58	3.09	213	2300	9.35	2.65	9.72	254
325	-7.60	6.55	10.03	131	1325	1.84	2.80	3.35	213	2325	9.20	2.87	9.64	253
350	-7.93	6.53	10.28	129	1350	2.21	2.98	3.71	216	2350	9.16	2.81	9.58	253
375	-8.28	6.63	10.61	128	1375	2.73	3.28	4.27	220	2375	9.30	2.58	9.65	254
400	-8.42	6.88	10.87	129	1400	2.77	3.60	4.54	217	2400	9.69	2.30	9.96	256
425	-8.00	7.13	10.72	132	1425	2.51	3.68	4.45	214	2425	9.98	1.97	10.17	259
450	-7.29	7.17	10.22	134	1450	2.30	3.57	4.25	213	2450	10.06	1.87	10.23	259
475	-6.49	7.06	9.59	137	1475	2.43	3.42	4.20	215	2475	10.10	1.95	10.28	259
500	-5.94	6.80	9.03	139	1500	3.02	3.52	4.63	220	2500	10.35	2.16	10.57	258
525	-5.68	6.50	8.64	139	1525	3.61	3.75	5.20	224	2525	10.60	2.35	10.85	257
550	-5.72	6.25	8.47	137	1550	4.09	3.91	5.66	226	2550	10.52	2.43	10.80	257
575	-5.85	6.00	8.38	136	1575	4.49	4.23	6.17	227	2575	10.40	2.58	10.72	256
600	-5.70	5.70	8.06	135	1600	4.65	4.35	6.36	227	2600	10.53	2.73	10.88	255
625	-5.54	5.34	7.70	134	1625	4.66	4.21	6.28	228	2625	10.29	2.67	10.63	255
650	-5.42	5.27	7.56	134	1650	4.96	4.22	6.52	229	2650	9.75	2.58	10.09	255
675	-5.37	5.25	7.51	134	1675	5.29	4.05	6.66	232	2675	9.28	2.62	9.64	254
700	-5.41	5.09	7.43	133	1700	5.43	3.67	6.55	236	2700	9.14	2.66	9.52	254
725	-5.29	5.06	7.32	133	1725	5.35	3.29	6.28	238	2725	9.17	2.95	9.63	252
750	-5.18	5.21	7.34	135	1750	5.46	3.14	6.30	240	2750	9.18	3.28	9.75	250
775	-5.08	5.32	7.35	136	1775	5.84	3.25	6.69	241	2775	9.48	3.27	10.03	251
800	-4.79	5.53	7.32	139	1800	6.17	3.27	6.99	242	2800	9.62	3.13	10.11	252
825	-4.76	5.60	7.34	139	1825	6.69	3.18	7.41	244	2825	9.78	3.02	10.23	253
850	-4.66	5.41	7.14	139	1850	7.29	3.25	7.98	246	2850	10.35	3.09	10.80	253
875	-4.29	4.98	6.57	139	1875	7.60	3.30	8.29	246	2875	11.06	3.14	11.50	254
900	-4.05	4.48	6.04	138	1900	7.53	3.21	8.19	247	2900	11.47	2.74	11.79	256
925	-3.89	4.21	5.74	137	1925	7.48	3.31	8.18	246	2925	11.72	2.43	11.97	258
950	-3.72	3.72	5.26	135	1950	7.52	3.47	8.28	245	2950	11.97	2.38	12.20	259
975	-3.30	3.36	4.71	135	1975	7.48	3.38	8.21	245	2975	12.24	2.37	12.47	259
1000	-2.53	3.22	4.10	142	2000	7.45	3.22	8.12	246	3000	12.84	2.21	13.03	260
1025	-1.90	3.09	3.63	148	2025	7.49	2.97	8.06	248	3025	13.45	2.00	13.60	261
1050	-1.49	3.30	3.63	156	2050	7.43	2.63	7.88	250	3050	13.67	1.99	13.81	262
1075	-1.15	3.41	3.60	161	2075	7.17	2.16	7.49	253	3075	13.66	1.89	13.79	262
1100	-0.74	3.29	3.38	167	2100	7.04	1.83	7.27	255	3100	13.94	1.60	14.04	263
1125	-0.26	2.95	2.96	175	2125	7.09	1.72	7.30	256	3125	14.14	1.20	14.19	265
1150	0.18	2.50	2.51	184	2150	7.25	1.81	7.47	256	3150	14.46	0.99	14.49	266
1175	0.46	2.32	2.36	191	2175	7.60	2.07	7.88	255	3175	14.84	0.96	14.87	266
1200	0.62	2.26	2.35	195	2200	7.80	2.33	8.15	253	3200	15.01	0.69	15.03	267

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1801 03/17/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	15.19	0.17	15.19	269	4225	16.11	-7.80	17.90	296	5225	17.45	-13.53	22.08	308
3250	15.01	-0.49	15.01	272	4250	16.36	-8.05	18.23	296	5250	17.82	-13.52	22.36	307
3275	14.93	-0.86	14.96	273	4275	16.46	-8.29	18.43	297	5275	18.34	-13.45	22.74	306
3300	15.01	-1.01	15.05	274	4300	16.82	-8.48	18.84	297	5300	18.46	-13.20	22.69	305
3325	14.72	-1.08	14.76	274	4325	17.14	-8.91	19.32	297	5325	18.54	-12.94	22.61	305
3350	14.34	-1.05	14.38	274	4350	16.99	-9.31	19.37	299	5350	18.75	-12.79	22.70	304
3375	14.05	-0.97	14.08	274	4375	16.99	-9.38	19.41	299	5375	18.99	-12.67	22.83	304
3400	14.18	-0.97	14.21	274	4400	16.92	-9.45	19.38	299	5400	19.12	-12.29	22.72	303
3425	14.42	-1.15	14.47	274	4425	16.87	-9.71	19.47	300	5425	19.49	-11.78	22.77	301
3450	14.72	-1.35	14.79	275	4450	16.83	-10.07	19.61	301	5450	20.12	-11.36	23.11	299
3475	14.97	-1.56	15.05	276	4475	16.63	-10.45	19.64	302	5475	20.61	-10.70	23.22	297
3500	14.99	-1.83	15.10	277	4500	16.70	-10.64	19.80	302	5500	21.27	-10.25	23.61	296
3525	15.17	-2.01	15.30	277	4525	16.63	-10.69	19.77	303	5525	21.92	-9.73	23.98	294
3550	15.28	-2.01	15.42	277	4550	16.59	-10.78	19.78	303	5550	22.20	-9.06	23.98	292
3575	15.51	-2.07	15.64	277	4575	16.66	-10.95	19.94	303	5575	22.63	-8.32	24.11	290
3600	15.81	-2.39	15.99	278	4600	16.70	-11.04	20.02	303	5600	22.96	-7.61	24.19	288
3625	15.75	-2.82	16.00	280	4625	16.64	-11.13	20.02	304	5625	23.12	-7.02	24.16	287
3650	15.84	-3.16	16.15	281	4650	16.70	-11.39	20.21	304	5650	23.53	-6.36	24.37	285
3675	16.36	-3.60	16.75	282	4675	16.86	-11.73	20.54	305	5675	23.97	-5.80	24.66	283
3700	17.27	-4.04	17.74	283	4700	16.79	-11.90	20.58	305	5700	23.95	-5.19	24.50	282
3725	18.03	-4.51	18.58	284	4725	16.92	-11.88	20.67	305	5725	24.05	-4.91	24.55	281
3750	18.32	-5.09	19.01	285	4750	17.14	-12.11	20.99	305	5750	24.29	-4.71	24.74	281
3775	18.55	-5.50	19.34	286	4775	17.02	-12.41	21.06	306	5775	24.18	-4.27	24.56	280
3800	18.61	-5.60	19.44	287	4800	17.03	-12.54	21.15	306	5800	24.42	-3.94	24.73	279
3825	18.60	-5.71	19.45	287	4825	17.13	-12.54	21.23	306	5825	24.28	-3.43	24.52	278
3850	18.40	-5.79	19.29	287	4850	17.21	-12.72	21.40	306	5850	23.97	-3.08	24.17	277
3875	18.28	-5.67	19.14	287	4875	17.33	-13.05	21.70	307	5875	24.21	-2.92	24.39	277
3900	18.34	-5.55	19.17	287	4900	17.45	-13.18	21.87	307	5900	24.50	-2.72	24.65	276
3925	18.15	-5.53	18.98	287	4925	17.89	-13.31	22.30	306	5925	24.61	-2.66	24.75	276
3950	17.75	-5.55	18.60	287	4950	18.12	-13.46	22.57	306	5950	24.89	-2.55	25.02	276
3975	17.64	-5.57	18.50	287	4975	18.00	-13.63	22.58	307	5975	25.48	-2.35	25.59	275
4000	17.52	-5.65	18.41	288	5000	18.01	-13.66	22.61	307	6000	25.60	-1.91	25.68	274
4025	17.36	-5.68	18.27	288	5025	17.86	-13.70	22.51	307	6025	25.39	-1.46	25.43	273
4050	17.39	-5.68	18.30	288	5050	17.66	-13.90	22.47	308	6050	25.93	-1.25	25.96	273
4075	17.18	-5.65	18.09	288	5075	17.48	-14.13	22.48	309	6075	26.24	-1.02	26.26	272
4100	17.09	-5.70	18.01	288	5100	17.20	-14.22	22.32	309	6100	25.97	-0.74	25.98	271
4125	17.23	-5.95	18.23	289	5125	17.26	-14.23	22.37	309	6125	26.26	-0.53	26.27	271
4150	16.82	-6.40	18.00	291	5150	17.33	-14.20	22.41	309	6150	26.74	-0.86	26.76	272
4175	16.25	-7.03	17.70	293	5175	17.29	-14.01	22.26	309	6175	27.08	-1.38	27.12	273
4200	16.00	-7.57	17.70	295	5200	17.40	-13.73	22.17	308	6200	27.03	-1.64	27.08	273

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-54 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1801 03/17/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	27.15	-2.09	27.23	274	7225	29.53	-5.99	30.13	281	8225	31.80	-9.95	33.32	287
6250	27.64	-2.68	27.77	275	7250	29.47	-6.21	30.12	282	8250	31.79	-9.73	33.25	287
6275	27.86	-3.20	28.04	276	7275	29.57	-6.49	30.27	282	8275	31.85	-9.77	33.31	287
6300	27.93	-3.42	28.14	277	7300	29.60	-6.58	30.32	282	8300	31.68	-9.92	33.20	287
6325	28.16	-3.32	28.35	277	7325	29.49	-6.64	30.22	283	8325	31.56	-10.25	33.18	288
6350	28.55	-3.09	28.71	276	7350	29.53	-6.87	30.32	283	8350	31.36	-10.39	33.04	288
6375	28.85	-2.83	28.99	275	7375	29.53	-7.21	30.39	284	8375	31.57	-10.30	33.21	288
6400	28.94	-2.58	29.06	275	7400	29.28	-7.44	30.21	284	8400	31.52	-10.69	33.28	289
6425	28.94	-2.49	29.05	275	7425	29.11	-7.51	30.06	284	8425	31.30	-11.09	33.20	289
6450	29.08	-2.43	29.18	275	7450	29.07	-7.43	30.01	284	8450	31.38	-11.08	33.28	289
6475	29.13	-2.09	29.21	274	7475	29.24	-7.42	30.17	284	8475	31.33	-11.23	33.28	290
6500	29.09	-1.95	29.16	274	7500	29.28	-7.49	30.22	284	8500	31.40	-11.20	33.33	289
6525	29.27	-2.08	29.35	274	7525	29.18	-7.68	30.18	285	8525	31.50	-11.25	33.45	289
6550	29.31	-2.13	29.39	274	7550	29.16	-8.00	30.24	285	8550	31.38	-11.12	33.29	289
6575	29.09	-2.29	29.18	274	7575	29.26	-8.17	30.38	285	8575	31.31	-10.91	33.16	289
6600	28.81	-2.48	28.92	275	7600	29.37	-8.36	30.54	286	8600	31.28	-11.03	33.17	289
6625	28.55	-2.61	28.67	275	7625	29.26	-8.66	30.51	286	8625	31.34	-11.05	33.23	289
6650	28.24	-2.69	28.37	275	7650	29.34	-8.85	30.64	287	8650	31.49	-11.16	33.41	289
6675	28.21	-2.59	28.33	275	7675	29.67	-9.01	31.00	287	8675	31.46	-11.08	33.36	289
6700	28.09	-2.51	28.20	275	7700	29.68	-8.94	30.99	287	8700	31.46	-10.95	33.31	289
6725	28.25	-2.46	28.35	275	7725	29.73	-8.81	31.00	286	8725	31.50	-10.77	33.29	289
6750	28.56	-2.32	28.66	274	7750	29.92	-8.78	31.19	286	8750	31.52	-10.70	33.29	289
6775	28.65	-2.16	28.73	274	7775	29.96	-8.69	31.19	286	8775	31.74	-10.88	33.56	289
6800	28.57	-2.26	28.66	274	7800	29.78	-8.60	31.00	286	8800	32.04	-10.83	33.82	288
6825	28.29	-2.49	28.40	275	7825	29.72	-8.44	30.89	286	8825	31.97	-10.76	33.73	288
6850	28.15	-2.62	28.27	275	7850	29.96	-8.25	31.08	285	8850	31.97	-10.78	33.74	288
6875	27.99	-2.64	28.12	275	7875	30.22	-8.38	31.36	285	8875	32.26	-10.58	33.95	288
6900	27.91	-2.73	28.04	275	7900	30.57	-8.79	31.80	286	8900	32.30	-10.22	33.88	287
6925	27.93	-2.89	28.08	276	7925	30.74	-9.16	32.08	286	8925	32.55	-9.63	33.95	286
6950	27.98	-2.80	28.12	276	7950	30.73	-9.18	32.07	286	8950	32.91	-9.20	34.18	285
6975	28.08	-2.58	28.20	275	7975	30.92	-8.86	32.16	286	8975	33.22	-9.32	34.50	285
7000	28.30	-2.72	28.43	275	8000	30.93	-8.55	32.09	285	9000	33.77	-9.64	35.12	286
7025	28.34	-3.02	28.50	276	8025	31.14	-8.35	32.24	285	9025	34.11	-9.90	35.52	286
7050	28.50	-3.33	28.69	276	8050	31.39	-8.50	32.52	285	9050	34.27	-10.10	35.73	286
7075	28.84	-3.82	29.09	277	8075	31.14	-8.77	32.36	286	9075	34.44	-10.44	35.99	287
7100	28.96	-4.36	29.28	278	8100	31.19	-8.91	32.44	286	9100	34.88	-10.56	36.44	287
7125	29.15	-5.01	29.58	280	8125	31.36	-9.14	32.66	286	9125	35.35	-10.51	36.87	286
7150	29.37	-5.43	29.87	280	8150	31.35	-9.29	32.69	286	9150	35.78	-10.53	37.30	286
7175	29.51	-5.81	30.08	281	8175	31.56	-9.65	33.00	287	9175	36.26	-10.65	37.79	286
7200	29.62	-5.99	30.22	281	8200	31.89	-10.06	33.44	287	9200	36.56	-10.90	38.15	286

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1801 03/17/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	36.84	-11.06	38.46	287	10225	42.99	-10.65	44.29	284	11225	45.65	-12.45	47.32	285
9250	37.09	-11.21	38.74	287	10250	43.10	-10.52	44.37	284	11250	45.51	-12.36	47.15	285
9275	37.22	-11.35	38.92	287	10275	43.16	-10.71	44.47	284	11275	45.48	-13.05	47.32	286
9300	37.44	-11.79	39.25	287	10300	42.78	-11.10	44.19	284	11300	45.69	-13.49	47.64	286
9325	37.41	-12.01	39.29	288	10325	42.63	-11.29	44.10	285	11325	45.76	-13.38	47.67	286
9350	37.45	-11.98	39.32	288	10350	43.04	-11.19	44.47	284	11350	45.64	-13.92	47.71	287
9375	37.53	-11.84	39.35	287	10375	43.22	-11.18	44.64	284	11375	45.45	-14.31	47.64	287
9400	37.32	-11.91	39.17	288	10400	42.89	-11.34	44.37	285	11400	45.67	-14.16	47.81	287
9425	37.26	-11.99	39.14	288	10425	43.04	-11.13	44.45	284	11425	45.77	-14.52	48.02	287
9450	37.26	-12.02	39.15	288	10450	43.19	-11.34	44.65	285	11450	45.67	-14.57	47.93	288
9475	37.20	-12.16	39.14	288	10475	43.22	-11.38	44.70	285	11475	45.87	-14.11	47.99	287
9500	37.27	-12.49	39.31	288	10500	43.48	-11.17	44.89	284	11500	45.99	-13.24	47.85	286
9525	37.32	-12.68	39.42	289	10525	43.66	-11.15	45.06	284	11525	46.64	-14.07	48.71	287
9550	37.40	-12.68	39.49	289	10550	43.80	-11.03	45.16	284	11550	47.57	-14.95	49.87	287
9575	37.60	-12.23	39.54	288	10575	44.17	-10.79	45.47	284	11575	48.11	-15.20	50.46	287
9600	37.52	-11.79	39.33	287	10600	44.36	-10.54	45.60	283	11600	47.93	-15.82	50.48	288
9625	37.48	-11.73	39.27	287	10625	44.44	-10.19	45.60	283	11625	48.14	-15.63	50.62	288
9650	37.63	-11.38	39.32	287	10650	44.49	-10.25	45.65	283	11650	48.61	-15.03	50.88	287
9675	37.51	-11.12	39.12	286	10675	44.47	-10.15	45.62	283	11675	48.59	-14.55	50.73	286
9700	37.77	-11.05	39.35	286	10700	44.53	-9.69	45.57	282	11700	48.66	-13.65	50.53	285
9725	38.20	-11.00	39.75	286	10725	44.61	-9.87	45.69	282	11725	48.86	-13.30	50.64	285
9750	38.45	-10.60	39.89	285	10750	44.61	-10.00	45.72	282	11750	49.15	-13.47	50.96	285
9775	38.64	-10.13	39.95	285	10775	44.71	-9.41	45.69	282	11775	49.42	-13.36	51.19	285
9800	38.74	-10.00	40.01	284	10800	44.68	-9.38	45.65	282	11800	49.36	-13.34	51.13	285
9825	39.04	-9.76	40.24	284	10825	44.48	-9.79	45.54	282	11825	49.31	-13.14	51.03	285
9850	39.29	-9.38	40.39	283	10850	44.65	-9.49	45.65	282	11850	48.94	-13.22	50.69	285
9875	39.72	-9.24	40.78	283	10875	44.71	-9.88	45.79	282	11875	48.79	-14.30	50.84	286
9900	40.32	-9.34	41.39	283	10900	44.91	-10.13	46.03	283	11900	48.64	-14.82	50.85	287
9925	40.89	-9.58	42.00	283	10925	44.79	-10.27	45.95	283	11925	47.67	-14.96	49.96	287
9950	41.49	-9.69	42.61	283	10950	44.72	-10.28	45.88	283	11950	47.20	-14.25	49.30	287
9975	41.98	-9.88	43.12	283	10975	45.06	-10.60	46.29	283	11975	47.48	-13.59	49.38	286
10000	42.00	-10.06	43.19	283	11000	44.91	-11.10	46.26	284	12000	47.49	-14.64	49.69	287
10025	42.32	-10.11	43.51	283	11025	44.96	-11.51	46.41	284	12025	47.71	-14.38	49.82	287
10050	42.90	-10.22	44.10	283	11050	45.19	-11.62	46.66	284	12050	47.95	-13.88	49.92	286
10075	42.82	-10.51	44.09	284	11075	45.14	-11.34	46.55	284	12075	47.89	-14.17	49.94	286
10100	42.71	-10.73	44.03	284	11100	45.54	-10.78	46.80	283	12100	48.03	-14.07	50.05	286
10125	42.80	-10.45	44.06	284	11125	45.76	-11.04	47.07	283	12125	48.35	-13.34	50.16	285
10150	42.89	-10.34	44.12	283	11150	45.84	-11.69	47.30	284	12150	48.21	-12.75	49.87	285
10175	42.93	-10.53	44.20	284	11175	45.78	-11.92	47.31	284	12175	47.71	-11.80	49.14	284
10200	42.95	-10.69	44.26	284	11200	45.55	-12.48	47.23	285	12200	47.76	-11.86	49.21	284

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-54 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1801 03/17/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	47.79	-12.08	49.29	284	13225	45.21	-4.23	45.40	275	14225	43.42	-2.86	43.52	274
12250	47.29	-12.16	48.83	284	13250	45.32	-4.64	45.55	276	14250	43.35	-3.68	43.51	275
12275	46.61	-12.85	48.35	285	13275	45.31	-5.10	45.60	276	14275	43.44	-3.51	43.58	274
12300	46.63	-13.02	48.41	285	13300	45.63	-4.83	45.88	276	14300	43.37	-3.13	43.48	274
12325	46.83	-13.17	48.65	286	13325	45.86	-5.51	46.19	277	14325	43.38	-3.09	43.49	274
12350	46.41	-13.59	48.36	286	13350	45.93	-5.63	46.27	277	14350	43.19	-2.95	43.29	274
12375	46.13	-13.56	48.08	286	13375	45.85	-5.72	46.21	277	14375	43.04	-3.78	43.20	275
12400	46.18	-12.66	47.88	285	13400	45.96	-6.12	46.36	277	14400	42.85	-4.07	43.05	275
12425	45.74	-12.43	47.39	285	13425	46.25	-5.98	46.63	277	14425	42.78	-2.91	42.88	274
12450	45.37	-12.06	46.95	285	13450	46.73	-5.68	47.07	277	14450	42.72	-3.55	42.87	275
12475	45.71	-10.55	46.91	283	13475	46.48	-5.38	46.79	276	14475	42.44	-3.85	42.61	275
12500	45.74	-9.54	46.73	282	13500	46.93	-4.44	47.14	275	14500	41.82	-3.57	41.97	275
12525	45.47	-8.87	46.33	281	13525	47.16	-4.18	47.35	275	14525	41.33	-4.08	41.53	275
12550	45.28	-8.69	46.11	281	13550	46.55	-4.31	46.75	275	14550	41.39	-3.35	41.53	274
12575	45.20	-8.50	45.99	280	13575	46.55	-4.08	46.73	275	14575	40.61	-3.22	40.73	274
12600	45.23	-7.46	45.84	279	13600	46.21	-5.15	46.50	276	14600	40.07	-4.09	40.28	276
12625	44.68	-6.93	45.22	279	13625	46.01	-5.58	46.34	277	14625	39.94	-4.31	40.18	276
12650	44.39	-6.95	44.93	279	13650	45.70	-5.45	46.03	277	14650	39.88	-4.00	40.08	276
12675	44.83	-6.69	45.33	278	13675	45.65	-6.02	46.04	277	14675	39.94	-3.57	40.10	275
12700	45.22	-7.01	45.76	279	13700	45.62	-6.57	46.09	278	14700	39.87	-4.10	40.08	276
12725	44.95	-7.16	45.52	279	13725	45.56	-6.98	46.09	279	14725	38.97	-5.26	39.32	278
12750	44.73	-7.67	45.38	280	13750	45.40	-6.48	45.86	278	14750	38.29	-6.02	38.76	279
12775	44.68	-8.13	45.41	280	13775	44.91	-6.08	45.32	278	14775	37.73	-6.35	38.26	279
12800	44.45	-7.73	45.11	280	13800	44.36	-6.22	44.79	278	14800	36.97	-6.96	37.62	280
12825	44.02	-7.71	44.69	280	13825	44.40	-5.81	44.77	277	14825	37.63	-6.99	38.28	280
12850	43.54	-7.96	44.26	280	13850	44.39	-5.48	44.72	277	14850	37.81	-6.86	38.42	280
12875	43.39	-8.17	44.16	280	13875	44.46	-4.87	44.73	276	14875	37.12	-6.23	37.63	279
12900	43.31	-8.25	44.09	281	13900	44.34	-4.12	44.53	275	14900	36.23	-7.18	36.93	281
12925	43.19	-7.70	43.87	280	13925	43.89	-3.70	44.05	275	14925	35.65	-8.20	36.58	283
12950	42.82	-7.51	43.47	280	13950	43.37	-3.24	43.49	274	14950	35.16	-7.37	35.92	282
12975	42.79	-6.81	43.33	279	13975	43.32	-3.14	43.43	274	14975	35.82	-6.71	36.44	280
13000	42.78	-6.56	43.28	279	14000	43.49	-2.20	43.55	273	15000	35.81	-7.50	36.58	282
13025	42.62	-6.76	43.15	279	14025	43.89	-1.59	43.92	272	15025	35.68	-7.61	36.48	282
13050	42.70	-6.18	43.15	278	14050	43.80	-2.30	43.86	273	15050	36.28	-6.69	36.89	280
13075	42.63	-5.49	42.99	277	14075	43.83	-2.60	43.91	273	15075	36.25	-5.18	36.62	278
13100	42.58	-5.88	42.98	278	14100	44.16	-1.72	44.19	272	15100	35.63	-3.77	35.83	276
13125	42.89	-5.22	43.21	277	14125	43.85	-1.72	43.88	272	15125	35.76	-4.04	35.98	276
13150	43.33	-4.50	43.57	276	14150	43.42	-3.06	43.53	274	15150	35.75	-3.70	35.94	276
13175	43.96	-4.78	44.22	276	14175	43.26	-2.90	43.35	274	15175	36.01	-2.09	36.07	273
13200	44.72	-4.60	44.96	276	14200	43.47	-2.29	43.53	273	15200	35.98	-1.23	36.00	272

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1801 03/17/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	35.65	-1.44	35.68	272	16225	32.67	-6.35	33.28	281	17225	25.44	-4.95	25.92	281
15250	35.81	-1.20	35.83	272	16250	32.41	-5.99	32.96	280	17250	25.73	-5.93	26.40	283
15275	35.57	-1.96	35.62	273	16275	32.31	-4.70	32.65	278	17275	25.86	-6.23	26.60	283
15300	35.20	-2.67	35.30	274	16300	32.90	-5.16	33.30	279	17300	25.79	-7.27	26.80	286
15325	35.85	-0.89	35.86	271	16325	32.98	-5.67	33.46	280	17325	25.82	-7.30	26.83	286
15350	36.29	-1.68	36.32	272	16350	32.81	-4.48	33.11	278	17350	25.41	-6.83	26.31	285
15375	36.06	-2.27	36.13	273	16375	33.05	-3.90	33.27	277	17375	24.94	-8.33	26.29	288
15400	35.43	-1.09	35.45	272	16400	33.46	-4.99	33.83	278	17400	24.95	-8.12	26.24	288
15425	36.06	-1.09	36.07	272	16425	33.17	-5.76	33.67	280	17425	24.03	-8.25	25.41	289
15450	36.19	-1.31	36.22	272	16450	32.83	-6.17	33.40	280	17450	22.70	-9.38	24.56	292
15475	36.06	-2.78	36.17	274	16475	32.92	-6.39	33.53	281	17475	21.70	-8.09	23.15	290
15500	36.09	-1.89	36.14	273	16500	32.93	-6.59	33.59	281	17500	21.57	-7.30	22.78	289
15525	36.17	-0.95	36.19	271	16525	32.95	-7.05	33.69	282	17525	20.85	-8.98	22.70	293
15550	36.18	-1.63	36.22	272	16550	32.39	-7.05	33.15	282	17550	20.26	-8.40	21.93	292
15575	35.77	-2.37	35.85	274	16575	32.40	-7.47	33.25	283	17575	20.06	-7.90	21.56	291
15600	35.56	-1.44	35.59	272	16600	32.95	-8.21	33.96	284	17600	19.78	-7.34	21.10	290
15625	35.51	-0.38	35.52	270	16625	32.83	-7.79	33.75	283	17625	19.86	-6.30	20.83	287
15650	35.05	-0.92	35.06	271	16650	32.41	-7.97	33.38	284	17650	18.91	-6.41	19.96	289
15675	34.68	-1.04	34.69	272	16675	31.74	-8.89	32.97	285	17675	18.85	-6.21	19.85	288
15700	34.31	-1.16	34.33	272	16700	31.81	-11.12	33.70	289	17700	18.80	-6.01	19.74	288
15725	34.37	-2.58	34.47	274	16725	31.26	-8.96	32.52	286	17725	18.78	-3.73	19.15	281
15750	34.45	-2.51	34.54	274	16750	31.51	-8.86	32.73	286	17750	18.74	-2.47	18.90	277
15775	33.90	-2.03	33.96	273	16775	31.76	-8.77	32.94	285	17775	17.89	-1.19	17.93	274
15800	33.78	-3.52	33.97	276	16800	32.20	-10.66	33.92	288	17800	17.61	-0.08	17.61	270
15825	33.97	-3.45	34.14	276	16825	29.95	-11.21	31.98	290	17825	17.33	1.03	17.36	266
15850	33.84	-3.27	34.00	275	16850	29.14	-11.73	31.41	292	17850	17.46	1.87	17.56	264
15875	33.46	-2.85	33.58	275	16875	28.63	-11.39	30.81	292	17875	17.59	2.70	17.80	261
15900	32.70	-4.64	33.03	278	16900	27.33	-10.51	29.28	291	17900	18.01	3.74	18.40	258
15925	32.80	-3.73	33.01	276	16925	26.99	-10.08	28.81	290	17925	18.47	4.08	18.91	257
15950	32.64	-3.89	32.87	277	16950	26.64	-9.64	28.33	290	17950	18.90	4.26	19.37	257
15975	32.11	-5.29	32.55	279	16975	26.50	-9.38	28.11	289	17975	19.86	2.75	20.05	262
16000	32.13	-4.99	32.51	279	17000	26.35	-9.11	27.88	289	18000	20.20	1.80	20.28	265
16025	32.51	-4.33	32.80	277	17025	26.20	-8.85	27.66	288	18025	20.62	0.29	20.62	269
16050	32.50	-4.35	32.79	277	17050	25.53	-7.59	26.64	286	18050	18.98	-1.79	19.07	275
16075	32.45	-5.95	32.99	280	17075	25.19	-7.50	26.28	286	18075	18.58	-1.47	18.64	274
16100	32.64	-5.75	33.14	280	17100	24.38	-6.53	25.24	285	18100	18.18	-1.14	18.22	273
16125	32.63	-6.03	33.18	280	17125	24.36	-6.16	25.12	284	18125	17.78	-0.81	17.80	272
16150	32.98	-6.03	33.53	280	17150	24.04	-5.43	24.64	283	18150	17.43	-0.48	17.43	271
16175	33.12	-6.69	33.46	278	17175	24.61	-5.77	25.28	283	18175	17.08	-0.15	17.08	270
16200	32.76	-5.54	33.23	279	17200	25.27	-5.28	25.82	282	18200	16.72	0.18	16.73	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-54(con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1801 03/17/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
18225	16.66	1.30	16.71	265										
18250	16.84	1.85	16.94	264										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-55

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1807 03/17/65, 1332Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
750	1.39	13.29	13.36	186	1750	9.27	5.92	11.00	237	2750	10.97	5.76	12.39	242
775	1.70	13.23	13.34	187	1775	9.02	6.09	10.88	236	2775	11.39	5.89	12.83	242
800	1.79	13.39	13.51	187	1800	8.53	6.17	10.53	234	2800	11.66	6.21	13.22	242
825	1.86	13.53	13.66	188	1825	8.24	6.15	10.28	233	2825	11.67	6.29	13.26	241
850	2.40	13.77	13.98	190	1850	8.07	6.01	10.06	233	2850	11.73	6.07	13.21	242
875	2.42	13.71	13.92	190	1875	7.46	6.38	9.82	229	2875	11.41	5.97	12.88	242
900	2.17	13.28	13.46	189	1900	7.09	6.34	9.51	228	2900	11.04	5.59	12.38	243
925	2.16	13.26	13.44	189	1925	6.99	6.10	9.28	229	2925	11.00	5.04	12.10	245
950	2.00	13.35	13.50	188	1950	6.78	6.57	9.44	226	2950	10.77	4.48	11.67	247
975	2.07	13.51	13.67	189	1975	7.11	6.46	9.61	228	2975	10.23	4.43	11.14	246
1000	2.10	13.33	13.49	189	2000	7.20	6.59	9.76	227	3000	10.06	4.43	11.00	246
1025	2.01	12.75	12.91	189	2025	6.60	7.22	9.78	222	3025	10.36	4.28	11.21	247
1050	2.37	12.64	12.86	190	2050	6.65	7.12	9.74	223	3050	10.45	4.03	11.20	249
1075	2.39	12.72	12.94	190	2075	6.63	7.51	10.02	221	3075	10.41	3.66	11.04	250
1100	2.50	12.57	12.81	191	2100	6.30	8.52	10.60	216	3100	10.67	3.33	11.18	252
1125	3.10	12.48	12.86	194	2125	6.31	8.84	10.86	215	3125	10.99	3.11	11.42	254
1150	3.27	12.43	12.85	195	2150	6.45	8.77	10.88	216	3150	11.24	3.14	11.67	254
1175	3.73	12.27	12.83	197	2175	6.53	8.57	10.77	217	3175	11.66	3.24	12.10	254
1200	4.26	11.93	12.67	199	2200	6.65	8.16	10.52	219	3200	11.69	3.15	12.11	255
1225	4.76	11.70	12.63	202	2225	6.86	7.70	10.31	222	3225	11.48	2.70	11.80	257
1250	5.31	11.25	12.44	205	2250	6.96	7.42	10.17	223	3250	11.51	2.49	11.78	258
1275	5.60	10.86	12.22	207	2275	7.06	7.30	10.15	224	3275	11.62	2.47	11.88	258
1300	5.96	10.86	12.39	209	2300	7.38	7.06	10.21	226	3300	11.64	2.46	11.90	258
1325	6.50	10.66	12.48	211	2325	7.56	7.17	10.42	226	3325	11.47	2.50	11.74	258
1350	6.88	10.23	12.33	214	2350	7.75	7.22	10.59	227	3350	11.78	2.49	12.04	258
1375	7.10	9.91	12.19	215	2375	8.11	7.31	10.92	228	3375	11.91	2.38	12.15	259
1400	7.33	9.58	12.06	217	2400	8.40	7.39	11.19	228	3400	11.53	2.32	11.76	258
1425	7.61	9.19	11.93	219	2425	8.59	7.11	11.15	230	3425	11.36	2.42	11.61	258
1450	7.88	8.88	11.87	221	2450	8.90	6.76	11.18	233	3450	11.57	2.57	11.85	257
1475	8.01	8.63	11.78	223	2475	9.14	6.81	11.40	233	3475	11.65	2.77	11.97	256
1500	8.35	8.14	11.66	226	2500	9.12	6.98	11.48	232	3500	11.69	2.72	12.00	257
1525	8.58	7.93	11.68	227	2525	9.29	6.58	11.39	235	3525	11.78	2.62	12.07	257
1550	8.66	7.75	11.62	228	2550	9.45	6.22	11.31	236	3550	11.82	2.71	12.13	257
1575	8.69	7.35	11.38	230	2575	9.53	5.82	11.17	238	3575	11.84	2.82	12.17	256
1600	8.74	7.23	11.34	230	2600	9.61	5.60	11.12	240	3600	11.83	2.69	12.13	257
1625	9.03	6.90	11.36	232	2625	9.56	5.51	11.03	240	3625	11.74	2.67	12.04	257
1650	8.81	6.78	11.11	232	2650	9.62	5.47	11.06	240	3650	11.70	2.98	12.07	256
1675	9.01	6.47	11.09	234	2675	9.88	5.56	11.33	240	3675	11.82	2.98	12.19	256
1700	9.25	6.12	11.09	236	2700	10.39	5.64	11.83	241	3700	11.79	2.53	12.05	258
1725	9.20	5.92	10.94	237	2725	10.83	5.64	12.21	242	3725	11.85	2.62	12.13	257

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1807 03/17/65, 1332Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3750	11.83	2.77	12.15	257	4750	10.70	6.34	12.44	239	5750	11.36	2.24	11.58	259
3775	11.72	2.53	11.99	258	4775	10.89	5.86	12.37	242	5775	11.88	2.49	12.14	258
3800	11.79	2.60	12.07	257	4800	10.91	5.89	12.40	241	5800	12.67	2.43	12.90	259
3825	11.66	2.86	12.00	256	4825	10.78	6.06	12.37	240	5825	13.45	2.41	13.66	260
3850	11.75	2.82	12.08	256	4850	10.68	6.05	12.28	240	5850	13.93	2.40	14.14	260
3875	12.16	2.70	12.46	257	4875	10.96	5.99	12.49	241	5875	14.56	2.05	14.70	262
3900	12.15	2.70	12.45	257	4900	10.97	6.14	12.57	241	5900	15.76	1.91	15.87	263
3925	11.85	2.65	12.14	257	4925	10.68	6.20	12.35	240	5925	16.34	2.03	16.47	263
3950	12.05	2.82	12.38	257	4950	10.66	6.37	12.42	239	5950	16.65	2.05	16.77	263
3975	12.03	2.79	12.35	257	4975	10.69	6.17	12.34	240	5975	17.08	2.02	17.19	263
4000	11.73	2.48	11.99	258	5000	10.48	6.35	12.25	239	6000	17.26	2.25	17.40	262
4025	12.18	2.57	12.45	258	5025	10.64	6.52	12.48	238	6025	17.71	2.47	17.89	262
4050	12.34	2.67	12.62	258	5050	10.73	6.52	12.56	239	6050	18.23	2.63	18.42	262
4075	12.32	2.28	12.53	259	5075	10.36	6.90	12.45	236	6075	18.19	3.10	18.46	260
4100	12.34	2.64	12.62	258	5100	10.18	6.96	12.33	235	6100	17.91	3.20	18.20	260
4125	12.17	3.08	12.55	256	5125	10.38	6.54	12.26	238	6125	17.81	3.02	18.07	260
4150	12.36	3.01	12.72	256	5150	10.15	6.84	12.24	236	6150	17.76	3.08	18.02	260
4175	12.53	3.13	12.91	256	5175	10.34	6.82	12.39	236	6175	17.60	3.52	17.95	259
4200	12.29	3.50	12.78	254	5200	10.67	6.72	12.61	238	6200	17.55	3.94	17.99	257
4225	12.00	3.79	12.59	252	5225	10.53	7.54	12.95	234	6225	17.47	4.50	18.04	255
4250	11.78	3.84	12.39	252	5250	11.06	7.24	13.22	237	6250	17.60	4.84	18.25	254
4275	11.76	4.28	12.51	250	5275	11.66	6.92	13.56	239	6275	17.81	4.96	18.48	254
4300	11.59	4.77	12.53	247	5300	12.31	6.86	14.10	241	6300	18.20	4.92	18.85	255
4325	11.06	5.03	12.15	245	5325	12.75	6.52	14.32	243	6325	18.34	4.82	18.97	255
4350	10.97	5.03	12.07	245	5350	12.88	6.42	14.40	243	6350	18.41	5.26	19.14	254
4375	10.98	4.91	12.03	246	5375	13.20	6.26	14.61	244	6375	18.91	5.22	19.61	254
4400	10.62	4.97	11.72	245	5400	13.59	5.86	14.80	246	6400	19.14	5.28	19.85	254
4425	10.65	4.96	11.75	245	5425	13.86	5.35	14.86	249	6425	19.31	5.45	20.07	254
4450	10.88	4.87	11.92	246	5450	14.01	4.74	14.79	251	6450	19.46	5.64	20.26	254
4475	10.77	4.85	11.81	246	5475	14.17	3.74	14.66	255	6475	19.38	6.07	20.31	252
4500	10.89	5.02	12.00	245	5500	13.86	3.17	14.22	257	6500	19.52	6.14	20.46	252
4525	10.80	5.19	11.98	244	5525	13.58	2.70	13.84	259	6525	19.69	6.11	20.62	253
4550	10.79	5.12	11.94	244	5550	13.43	2.38	13.64	260	6550	20.02	5.96	20.89	253
4575	10.90	5.31	12.12	244	5575	13.14	2.28	13.34	260	6575	20.27	5.88	21.11	254
4600	10.79	5.60	12.15	242	5600	12.85	2.27	13.05	260	6600	20.79	5.02	21.39	256
4625	11.00	5.42	12.26	244	5625	12.58	2.42	12.81	259	6625	21.30	4.12	21.69	259
4650	10.83	5.82	12.29	242	5650	12.36	2.19	12.55	260	6650	21.17	4.21	21.58	259
4675	10.83	5.90	12.33	241	5675	12.14	1.93	12.29	261	6675	21.04	4.39	21.49	258
4700	11.13	5.44	12.39	244	5700	12.00	1.95	12.16	261	6700	20.85	4.67	21.37	257
4725	10.78	6.26	12.47	240	5725	11.59	2.00	11.76	260	6725	20.38	5.09	21.01	256

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-55 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1807 03/17/65, 1332Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6750	20.08	5.72	20.88	254	7750	28.15	0.32	28.15	269	8750	30.56	1.41	30.59	267
6775	20.51	5.76	21.30	254	7775	28.46	0.19	28.46	269	8775	30.14	0.86	30.16	268
6800	21.50	5.08	22.09	257	7800	28.89	-0.13	28.89	270	8800	30.58	0.35	30.58	269
6825	22.54	4.88	23.06	258	7825	29.12	-0.45	29.13	271	8825	30.70	0.17	30.70	270
6850	23.00	4.83	23.50	258	7850	29.49	-0.61	29.49	271	8850	30.51	-0.15	30.51	270
6875	23.11	4.55	23.55	259	7875	29.61	-0.90	29.62	272	8875	30.46	-0.78	30.47	271
6900	23.38	4.50	23.80	259	7900	29.88	-1.29	29.90	272	8900	30.68	-0.96	30.70	272
6925	23.36	4.15	23.73	260	7925	29.78	-1.27	29.80	272	8925	30.58	-1.03	30.60	272
6950	23.08	3.87	23.40	260	7950	29.29	-1.17	29.31	272	8950	30.54	-1.23	30.56	272
6975	23.27	3.65	23.56	261	7975	29.41	-0.93	29.42	272	8975	30.67	-1.30	30.70	272
7000	23.37	3.26	23.59	262	8000	29.53	-1.03	29.55	272	9000	30.86	-1.42	30.89	272
7025	23.40	3.15	23.61	262	8025	29.46	-1.00	29.47	272	9025	31.20	-1.37	31.23	272
7050	23.16	3.11	23.36	262	8050	29.85	-0.77	29.86	271	9050	31.30	-1.30	31.33	272
7075	22.88	3.01	23.08	262	8075	30.38	-0.69	30.38	271	9075	31.16	-1.42	31.20	272
7100	23.29	2.69	23.45	263	8100	30.88	-0.34	30.88	270	9100	31.23	-0.89	31.24	271
7125	23.55	2.52	23.69	264	8125	31.17	-0.17	31.17	270	9125	31.40	-0.72	31.41	271
7150	23.40	2.42	23.53	264	8150	31.10	0.04	31.10	270	9150	31.88	-0.81	31.89	271
7175	23.38	2.20	23.49	264	8175	31.09	0.49	31.09	269	9175	33.01	-0.92	33.02	271
7200	23.53	2.05	23.62	265	8200	31.24	0.89	31.26	268	9200	33.55	-1.40	33.58	272
7225	23.64	1.66	23.70	266	8225	31.16	0.91	31.18	268	9225	34.04	-1.77	34.08	273
7250	23.79	1.39	23.83	266	8250	31.01	1.49	31.04	267	9250	23.26	-1.11	23.29	273
7275	23.94	1.39	23.98	267	8275	31.01	1.85	31.07	266	9275	23.00	-0.92	23.02	272
7300	24.34	1.19	24.37	267	8300	30.95	1.94	31.01	266	9300	34.49	-1.43	34.52	272
7325	24.66	1.14	24.69	267	8325	30.88	1.93	30.94	266	9325	35.01	-1.63	35.05	272
7350	24.85	0.97	24.87	268	8350	30.93	1.70	30.98	267	9350	35.22	-1.20	35.24	272
7375	25.49	0.65	25.50	268	8375	31.00	1.64	31.04	267	9375	35.11	-1.17	35.13	272
7400	25.96	0.56	25.96	269	8400	30.90	1.60	30.94	267	9400	35.02	-1.32	35.05	272
7425	26.24	0.23	26.24	269	8425	30.96	1.61	31.01	267	9425	35.17	-1.24	35.19	272
7450	27.06	-0.27	27.07	270	8450	30.93	1.79	30.98	267	9450	35.32	-1.31	35.35	272
7475	27.75	-0.56	27.76	271	8475	30.84	1.87	30.89	266	9475	35.46	-1.20	35.48	272
7500	27.57	-0.70	27.58	271	8500	31.05	1.69	31.10	267	9500	35.39	-0.98	35.41	271
7525	27.35	-0.44	27.36	271	8525	31.12	1.88	31.18	266	9525	35.31	-0.87	35.32	271
7550	27.52	0.13	27.52	270	8550	30.86	2.33	30.95	265	9550	35.13	-0.77	35.13	271
7575	27.54	0.06	27.54	270	8575	30.84	2.41	30.93	265	9575	35.02	-0.86	35.03	271
7600	27.55	0.11	27.55	270	8600	30.82	2.27	30.90	266	9600	35.48	-0.95	35.50	271
7625	27.47	0.50	27.47	269	8625	30.77	1.78	30.82	267	9625	35.47	-0.86	35.48	271
7650	27.52	0.55	27.53	269	8650	30.82	1.34	30.85	267	9650	35.39	-0.64	35.40	271
7675	27.46	0.33	27.46	269	8675	30.62	1.39	30.65	267	9675	35.67	-0.65	35.68	271
7700	27.35	0.23	27.35	269	8700	30.53	1.43	30.57	267	9700	35.91	-0.68	35.91	271
7725	27.91	0.34	27.91	269	8725	30.91	1.45	30.94	267	9725	35.75	-0.68	35.76	271

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1807 03/17/65, 1332Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9750	35.77	-0.68	35.77	271	10750	42.42	-4.72	42.68	276	11750	44.49	-8.47	45.29	281
9775	35.90	-0.62	35.91	271	10775	42.14	-4.89	42.42	276	11775	45.27	-8.65	46.09	281
9800	35.94	-0.68	35.94	271	10800	42.35	-4.99	42.64	277	11800	45.78	-8.78	46.61	281
9825	36.51	-0.40	36.51	270	10825	42.44	-5.07	42.74	277	11825	45.75	-8.50	46.54	280
9850	36.80	0.09	36.80	270	10850	42.38	-5.06	42.68	277	11850	45.99	-8.90	46.84	281
9875	37.08	0.37	37.08	269	10875	42.16	-5.38	42.50	277	11875	45.87	-9.54	46.85	282
9900	37.84	0.13	37.84	270	10900	42.40	-5.57	42.76	277	11900	45.66	-8.97	46.53	281
9925	37.87	-0.31	37.87	270	10925	42.28	-5.27	42.61	277	11925	45.75	-8.35	46.50	280
9950	38.18	-0.74	38.19	271	10950	41.86	-5.88	42.27	278	11950	45.71	-8.67	46.52	281
9975	38.70	-0.89	38.71	271	10975	42.01	-6.16	42.46	278	11975	45.56	-8.63	46.37	281
10000	38.75	-0.90	38.76	271	11000	41.73	-6.24	42.19	278	12000	45.72	-9.12	46.62	281
10025	38.91	-1.03	38.92	271	11025	41.42	-6.62	41.94	279	12025	45.81	-9.07	46.70	281
10050	39.20	-1.30	39.23	272	11050	41.43	-7.00	42.02	279	12050	45.49	-8.59	46.29	281
10075	39.12	-1.27	39.14	272	11075	41.07	-7.19	41.70	280	12075	45.01	-8.14	45.74	280
10100	39.39	-1.46	39.42	272	11100	40.53	-7.74	41.27	281	12100	44.76	-8.08	45.49	280
10125	39.59	-1.79	39.63	272	11125	40.52	-8.65	41.43	282	12125	44.92	-8.63	45.75	281
10150	39.91	-1.75	39.95	272	11150	40.57	-9.16	41.60	283	12150	45.14	-8.30	45.90	280
10175	39.98	-1.93	40.03	273	11175	41.03	-9.41	42.09	283	12175	45.78	-8.62	46.59	280
10200	40.07	-2.48	40.14	273	11200	41.60	-8.52	42.46	281	12200	45.81	-8.72	46.63	281
10225	40.06	-2.34	40.13	273	11225	41.93	-8.05	42.70	281	12225	45.22	-8.60	46.03	281
10250	39.51	-2.28	39.58	273	11250	42.21	-8.05	42.97	281	12250	45.26	-8.70	46.09	281
10275	40.11	-1.98	40.16	273	11275	41.93	-7.95	42.68	281	12275	45.04	-8.67	45.86	281
10300	40.61	-2.45	40.69	273	11300	41.53	-7.82	42.26	280	12300	46.03	-9.97	47.09	282
10325	40.49	-2.76	40.59	274	11325	41.63	-7.61	42.32	280	12325	46.29	-10.67	47.51	283
10350	40.78	-2.41	40.85	273	11350	41.53	-7.69	42.24	280	12350	46.29	-11.30	47.65	284
10375	41.10	-2.73	41.19	274	11375	41.69	-7.25	42.31	280	12375	46.63	-11.05	47.92	283
10400	40.91	-2.96	41.02	274	11400	41.69	-7.08	42.29	279	12400	46.90	-11.07	48.19	283
10425	40.83	-3.04	40.94	274	11425	41.80	-7.46	42.46	280	12425	47.16	-11.69	48.59	284
10450	41.01	-3.61	41.17	275	11450	42.07	-7.50	42.74	280	12450	47.28	-12.61	48.93	285
10475	41.36	-4.26	41.58	276	11475	42.14	-7.05	42.72	279	12475	47.17	-12.48	48.79	285
10500	41.74	-4.22	41.95	276	11500	41.98	-6.58	42.50	279	12500	46.76	-11.55	48.16	284
10525	41.87	-4.21	42.08	276	11525	42.05	-7.04	42.64	279	12525	46.30	-11.04	47.60	283
10550	41.73	-4.28	41.95	276	11550	42.09	-7.04	42.67	279	12550	45.42	-10.32	46.58	283
10575	41.91	-4.20	42.12	276	11575	42.35	-7.22	42.96	279	12575	44.72	-9.77	45.78	282
10600	41.98	-4.39	42.21	276	11600	42.52	-7.79	43.22	280	12600	44.06	-9.59	45.09	282
10625	42.32	-4.60	42.57	276	11625	42.74	-7.90	43.46	280	12625	42.77	-9.25	43.76	282
10650	42.37	-4.58	42.62	276	11650	42.80	-8.05	43.55	280	12650	42.46	-9.10	43.42	282
10675	42.25	-4.63	42.50	276	11675	42.80	-8.95	43.73	282	12675	42.48	-9.42	43.51	282
10700	42.61	-4.70	42.87	276	11700	43.63	-8.75	44.50	281	12700	42.70	-9.62	43.77	283
10725	42.65	-4.68	42.91	276	11725	44.22	-8.64	45.06	281	12725	43.37	-8.53	44.20	281

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-55 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1807 03/17/65, 13322, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12750	43.74	-7.87	44.45	280	13750	44.15	4.53	44.38	264					
12775	43.61	-8.02	44.35	280	13775	44.09	4.07	44.28	265					
12800	43.87	-7.99	44.59	280	13800	44.09	4.28	44.30	264					
12825	44.18	-7.40	44.80	279	13825	43.87	3.99	44.05	265					
12850	44.26	-7.24	44.85	279	13850	43.37	3.84	43.54	265					
12875	44.18	-6.43	44.65	278	13875	42.99	3.20	43.10	266					
12900	43.99	-5.70	44.36	277	13900	42.57	3.52	42.71	265					
12925	44.20	-5.38	44.52	277	13925	42.40	3.39	42.53	265					
12950	44.36	-4.78	44.62	276	13950	42.11	3.47	42.26	265					
12975	44.17	-4.40	44.39	276	13975	42.09	2.78	42.18	266					
13000	44.44	-3.35	44.57	274	14000	41.81	3.13	41.92	266					
13025	44.86	-2.57	44.93	273	14025	41.47	2.99	41.58	266					
13050	45.22	-2.63	45.29	273	14050	41.52	2.82	41.61	266					
13075	45.44	-2.70	45.52	273	14075	41.26	3.58	41.41	265					
13100	45.47	-2.40	45.53	273	14100	41.27	2.54	41.35	266					
13125	45.71	-2.55	45.78	273	14125	41.10	1.28	41.12	268					
13150	45.64	-2.76	45.72	273	14150	40.67	0.77	40.68	269					
13175	45.21	-2.39	45.27	273	14175	40.57	0.69	40.57	269					
13200	45.29	-2.91	45.38	273	14200	40.52	0.71	40.53	269					
13225	45.56	-3.39	45.68	274	14225	39.61	0.51	39.62	269					
13250	45.62	-3.09	45.72	274	14250	38.86	0.00	38.86	270					
13275	45.13	-2.52	45.20	273	14275	38.52	-0.96	38.53	271					
13300	44.62	-2.83	44.71	273	14300	38.84	-0.98	38.85	271					
13325	45.14	-3.74	45.29	275	14325	38.95	-0.68	38.96	271					
13350	45.21	-3.57	45.35	274	14350	38.91	-0.76	38.92	271					
13375	45.11	-3.29	45.23	274	14375	38.55	-1.95	38.60	273					
13400	45.44	-3.68	45.58	274	14400	39.06	-1.31	39.09	272					
13425	45.22	-3.29	45.34	274	14425	38.83	-1.93	38.88	273					
13450	44.66	-2.67	44.74	273	14450	37.43	-1.51	37.46	272					
13475	44.47	-2.43	44.53	273	14475	37.28	-1.97	37.33	273					
13500	43.83	-0.71	43.84	271	14500	36.91	-3.35	37.06	275					
13525	43.53	0.92	43.54	269										
13550	43.37	0.47	43.37	269										
13575	43.33	1.42	43.35	268										
13600	43.47	2.03	43.51	267										
13625	43.13	2.02	43.18	267										
13650	43.21	3.40	43.34	265										
13675	43.79	3.56	43.94	265										
13700	44.06	3.05	44.17	266										
13725	44.12	4.94	44.40	263										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-56

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1912 03/18/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
250	2.72	12.56	12.86	192	1250	9.39	10.20	13.86	222	2250	13.38	7.13	15.16	242
275	2.44	12.69	12.92	191	1275	9.77	10.00	13.98	224	2275	13.51	7.30	15.35	241
300	2.49	12.81	13.05	191	1300	10.35	10.10	14.47	226	2300	13.44	7.38	15.33	241
325	2.56	12.96	13.21	191	1325	10.54	10.01	14.53	226	2325	13.45	7.56	15.43	240
350	2.50	13.14	13.38	191	1350	10.44	9.66	14.22	227	2350	13.50	7.68	15.54	240
375	2.72	13.37	13.64	191	1375	10.55	9.30	14.06	228	2375	13.43	7.59	15.43	240
400	3.29	13.68	14.07	193	1400	11.02	9.05	14.26	230	2400	13.45	7.60	15.45	240
425	3.64	14.04	14.51	194	1425	11.42	8.87	14.45	232	2425	13.73	7.85	15.82	240
450	3.84	14.44	14.95	195	1450	11.42	8.48	14.22	233	2450	14.04	7.91	16.11	240
475	4.16	14.91	15.48	195	1475	11.22	7.97	13.77	234	2475	14.18	7.80	16.18	241
500	4.05	15.34	15.87	195	1500	10.95	7.80	13.45	234	2500	14.32	7.71	16.27	242
525	3.57	15.98	16.38	192	1525	10.80	7.83	13.34	234	2525	14.55	8.07	16.64	241
550	2.96	16.23	16.49	190	1550	11.06	7.81	13.54	235	2550	15.07	8.81	17.46	240
575	3.17	15.92	16.23	191	1575	11.50	7.79	13.89	236	2575	15.63	9.33	18.20	239
600	4.04	16.11	16.61	194	1600	11.65	7.67	13.95	236	2600	15.59	9.55	18.28	238
625	4.40	16.52	17.09	195	1625	11.32	7.49	13.58	236	2625	13.66	10.56	17.26	232
650	5.06	16.33	17.10	197	1650	11.20	7.33	13.39	237	2650	12.53	11.86	17.25	226
675	5.26	16.01	16.85	198	1675	11.38	7.26	13.49	237	2675	13.29	13.09	18.65	225
700	4.85	15.72	16.45	197	1700	11.43	7.50	13.67	237	2700	14.11	13.74	19.70	226
725	4.84	15.41	16.15	197	1725	11.19	7.83	13.66	235	2725	14.76	14.14	20.44	226
750	5.41	15.32	16.25	199	1750	11.14	8.01	13.72	234	2750	14.90	14.48	20.78	226
775	6.30	15.42	16.65	202	1775	11.43	8.11	14.02	234	2775	14.99	14.68	20.99	225
800	6.59	15.33	16.69	203	1800	11.45	8.19	14.08	234	2800	14.92	14.91	21.10	225
825	6.39	14.78	16.10	203	1825	11.18	8.18	13.86	234	2825	15.05	15.30	21.46	224
850	6.19	14.31	15.60	203	1850	11.16	8.09	13.78	234	2850	15.33	15.59	21.86	224
875	6.26	14.20	15.52	204	1875	11.16	8.31	13.92	233	2875	15.39	15.72	22.00	224
900	6.71	14.34	15.83	205	1900	10.83	8.54	13.79	232	2900	15.40	15.93	22.15	224
925	7.26	14.52	16.24	206	1925	10.45	8.53	13.49	231	2925	15.14	15.97	22.01	223
950	7.44	14.20	16.03	207	1950	10.85	8.22	13.62	233	2950	14.73	15.65	21.49	223
975	7.25	13.73	15.52	208	1975	11.63	7.69	13.95	236	2975	14.92	15.85	21.76	223
1000	7.18	13.41	15.21	208	2000	11.92	7.35	14.01	238	3000	14.84	15.89	21.74	223
1025	7.47	13.16	15.13	209	2025	12.09	7.42	14.19	238	3025	14.59	15.70	21.43	223
1050	8.05	13.12	15.39	211	2050	11.96	7.75	14.25	237	3050	14.79	15.93	21.74	223
1075	8.47	12.83	15.37	213	2075	12.21	8.03	14.62	237	3075	14.66	15.95	21.66	222
1100	8.46	12.22	14.86	215	2100	12.86	8.16	15.23	237	3100	14.45	15.97	21.54	222
1125	8.39	11.87	14.54	215	2125	12.86	7.72	15.00	239	3125	14.33	16.30	21.70	221
1150	8.61	11.55	14.40	217	2150	12.78	7.06	14.60	241	3150	13.96	16.67	21.74	220
1175	9.06	11.30	14.48	219	2175	12.86	7.02	14.65	241	3175	13.79	16.92	21.83	219
1200	9.34	10.99	14.43	220	2200	13.19	7.34	15.09	241	3200	13.65	17.25	22.00	218
1225	9.42	10.55	14.14	222	2225	13.39	7.21	15.21	242	3225	13.27	17.71	22.13	217

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1912 03/18/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3250	13.07	18.04	22.28	216	4250	14.37	15.36	21.04	223	5250	16.57	11.33	20.07	235
3275	13.01	18.35	22.50	215	4275	14.41	14.97	20.78	224	5275	16.72	10.83	19.92	237
3300	13.00	18.49	22.60	215	4300	14.80	14.86	20.97	225	5300	16.11	11.38	19.73	235
3325	12.93	18.47	22.55	215	4325	14.93	14.65	20.92	225	5325	15.54	12.38	19.87	231
3350	12.80	18.53	22.52	214	4350	14.71	14.32	20.52	226	5350	15.07	13.33	20.12	228
3375	12.68	18.45	22.39	214	4375	14.90	14.05	20.48	226	5375	14.97	14.25	20.66	226
3400	12.66	18.39	22.33	214	4400	14.91	13.59	20.17	227	5400	15.29	14.57	21.12	226
3425	12.78	18.55	22.53	214	4425	14.76	13.01	19.68	228	5425	15.77	14.98	21.75	226
3450	12.93	18.59	22.64	215	4450	14.79	12.48	19.35	230	5450	16.35	15.44	22.49	226
3475	12.99	18.58	22.67	215	4475	14.72	12.10	19.06	230	5475	16.97	15.37	22.90	228
3500	12.99	18.75	22.81	215	4500	14.48	11.87	18.72	230	5500	17.74	15.05	23.26	229
3525	12.87	18.68	22.69	214	4525	14.36	11.62	18.47	231	5525	18.58	14.37	23.49	232
3550	12.86	18.67	22.67	214	4550	14.24	11.16	18.09	232	5550	18.80	14.14	23.53	233
3575	12.82	18.68	22.65	214	4575	14.17	10.76	17.79	233	5575	18.77	14.31	23.61	232
3600	12.42	18.51	22.29	214	4600	13.89	10.66	17.51	232	5600	18.40	14.48	23.41	232
3625	12.24	18.50	22.18	213	4625	13.57	10.37	17.08	232	5625	18.22	14.64	23.38	231
3650	12.37	18.61	22.35	213	4650	13.46	10.03	16.78	233	5650	18.40	14.99	23.73	231
3675	12.61	18.79	22.63	214	4675	13.62	9.57	16.65	235	5675	18.75	15.27	24.18	231
3700	12.70	18.97	22.83	214	4700	14.16	9.34	16.96	236	5700	19.67	15.30	24.92	232
3725	12.57	19.02	22.80	213	4725	14.53	9.32	17.26	237	5725	20.25	15.43	25.46	233
3750	12.50	19.00	22.74	213	4750	14.73	9.31	17.43	238	5750	20.72	15.32	25.77	233
3775	12.48	18.95	22.69	213	4775	14.76	9.34	17.47	237	5775	21.85	14.88	26.43	236
3800	12.56	18.91	22.70	213	4800	15.01	9.40	17.71	238	5800	23.25	14.49	27.40	238
3825	12.42	18.84	22.56	213	4825	15.42	9.59	18.16	238	5825	23.96	14.32	27.91	239
3850	12.41	18.91	22.61	213	4850	15.57	9.26	18.12	239	5850	24.71	13.61	28.21	241
3875	12.54	18.87	22.65	213	4875	15.66	9.16	18.14	239	5875	25.54	13.04	28.67	243
3900	12.48	18.65	22.44	214	4900	15.72	9.37	18.30	239	5900	26.44	13.00	29.46	244
3925	12.64	18.48	22.39	214	4925	15.61	9.59	18.32	238	5925	27.46	12.60	30.22	245
3950	12.86	18.42	22.46	215	4950	15.29	9.78	18.15	237	5950	28.05	12.02	30.52	247
3975	12.78	18.24	22.27	215	4975	15.13	9.68	17.96	237	5975	28.53	11.72	30.85	247
4000	12.83	18.14	22.22	215	5000	15.29	9.70	18.11	237	6000	29.06	11.26	31.16	249
4025	13.16	17.98	22.28	216	5025	14.97	9.70	17.84	237	6025	29.60	10.95	31.56	250
4050	13.38	17.54	22.06	217	5050	15.09	9.79	17.99	237	6050	30.22	10.75	32.07	250
4075	13.61	17.16	21.90	218	5075	15.20	10.11	18.26	236	6075	30.76	10.28	32.44	251
4100	13.71	16.81	21.69	219	5100	15.17	10.63	18.52	235	6100	30.66	10.42	32.39	251
4125	13.81	16.67	21.65	219	5125	15.52	10.94	18.99	235	6125	30.78	10.24	32.43	251
4150	13.91	16.50	21.58	220	5150	15.66	11.19	19.25	234	6150	31.30	9.91	32.83	252
4175	14.05	16.18	21.43	221	5175	16.19	11.52	19.88	234	6175	31.67	9.77	33.14	253
4200	14.21	15.97	21.38	221	5200	16.57	11.55	20.20	235	6200	32.26	9.33	33.58	254
4225	14.28	15.78	21.28	222	5225	16.36	11.47	19.98	235	6225	32.57	9.09	33.82	254

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-56 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1912 03/18/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6250	32.74	9.04	33.96	254	7250	39.17	2.63	39.26	266	8250	38.09	6.00	38.56	261
6275	33.10	8.72	34.23	255	7275	39.17	2.89	39.27	266	8275	37.54	6.21	38.05	260
6300	33.33	8.47	34.39	256	7300	39.02	3.16	39.15	265	8300	37.47	6.38	38.01	260
6325	33.78	8.19	34.76	256	7325	38.97	2.85	39.07	266	8325	37.50	6.60	38.08	260
6350	34.06	7.90	34.96	257	7350	38.94	2.90	39.05	266	8350	37.47	7.13	38.14	259
6375	34.05	7.62	34.89	257	7375	39.01	3.26	39.15	265	8375	37.41	7.37	38.13	259
6400	34.49	7.40	35.27	258	7400	39.23	3.11	39.35	265	8400	37.33	7.14	38.01	259
6425	35.72	7.04	36.41	259	7425	39.17	3.44	39.32	265	8425	37.37	6.90	38.00	259
6450	36.26	6.76	36.88	259	7450	39.06	4.27	39.30	264	8450	37.76	6.63	38.34	260
6475	35.77	6.56	36.36	259	7475	39.04	4.33	39.27	263	8475	37.81	6.36	38.34	260
6500	35.58	5.93	36.07	260	7500	38.77	4.04	38.98	264	8500	37.60	6.11	38.09	261
6525	35.72	5.41	36.13	261	7525	38.62	4.17	38.85	264	8525	37.55	5.91	38.01	261
6550	36.02	5.16	36.39	262	7550	38.83	4.34	39.07	263	8550	37.32	5.97	37.79	261
6575	36.31	5.22	36.68	262	7575	38.64	4.36	38.88	263	8575	37.35	5.85	37.80	261
6600	36.79	5.32	37.17	262	7600	38.37	4.43	38.62	263	8600	37.65	5.36	38.03	262
6625	37.58	4.65	37.87	263	7625	38.64	4.25	38.88	264	8625	37.74	5.42	38.13	262
6650	37.94	3.98	38.15	264	7650	38.59	4.17	38.82	264	8650	37.83	5.79	38.27	261
6675	38.35	3.41	38.50	265	7675	38.49	4.08	38.71	264	8675	37.56	6.12	38.05	261
6700	38.60	2.94	38.71	265	7700	38.51	3.93	38.71	264	8700	37.49	5.67	37.91	261
6725	39.03	2.55	39.11	266	7725	38.20	3.77	38.39	264	8725	37.69	5.35	38.07	262
6750	39.30	2.36	39.37	266	7750	38.13	3.87	38.33	264	8750	37.60	5.68	38.03	261
6775	39.14	2.41	39.21	266	7775	38.09	4.19	38.32	264	8775	37.53	5.38	37.91	262
6800	39.18	2.38	39.25	266	7800	38.06	3.90	38.26	264	8800	37.36	5.44	37.75	262
6825	39.18	2.31	39.24	266	7825	38.15	3.43	38.31	265	8825	37.52	5.05	37.86	262
6850	39.24	2.35	39.31	266	7850	38.04	2.98	38.16	265	8850	37.34	4.89	37.66	262
6875	39.08	2.77	39.18	266	7875	37.95	3.06	38.07	265	8875	37.11	5.03	37.45	262
6900	39.10	2.94	39.21	266	7900	37.80	3.22	37.94	265	8900	37.08	4.89	37.40	262
6925	39.19	2.70	39.28	266	7925	37.69	3.31	37.83	265	8925	36.86	4.69	37.16	263
6950	39.32	2.74	39.41	266	7950	37.94	3.42	38.09	265	8950	37.10	4.63	37.39	263
6975	39.44	2.68	39.53	266	7975	37.74	3.86	37.94	264	8975	37.19	4.75	37.49	263
7000	39.27	2.76	39.36	266	8000	37.68	4.37	37.93	263	9000	37.22	4.54	37.50	263
7025	39.25	2.85	39.36	266	8025	38.05	4.21	38.28	264	9025	37.22	4.83	37.53	262
7050	39.31	2.70	39.40	266	8050	37.93	4.31	38.18	263	9050	37.06	5.42	37.46	262
7075	39.22	2.87	39.32	266	8075	37.93	4.23	38.17	263	9075	37.10	5.42	37.49	262
7100	39.23	3.18	39.35	265	8100	37.85	4.32	38.09	263	9100	37.03	5.52	37.44	261
7125	39.25	3.13	39.38	265	8125	37.82	4.64	38.10	263	9125	37.12	5.66	37.55	261
7150	39.30	2.99	39.41	265	8150	37.66	5.19	38.02	262	9150	36.99	5.97	37.47	261
7175	39.43	3.07	39.55	265	8175	37.76	5.39	38.15	262	9175	36.94	6.09	37.44	260
7200	39.40	3.08	39.52	265	8200	37.62	5.64	38.05	261	9200	37.21	5.62	37.64	261
7225	39.21	2.91	39.32	266	8225	37.86	5.97	38.33	261	9225	37.31	5.99	37.78	261

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1912 03/18/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9250	37.26	5.61	37.68	261	10250	37.99	-4.87	38.30	277	11250	37.48	-5.16	37.83	278
9275	36.97	5.32	37.35	262	10275	37.65	-5.34	38.03	278	11275	37.32	-5.32	37.70	278
9300	37.07	5.71	37.50	261	10300	37.45	-5.48	37.85	278	11300	37.16	-4.75	37.46	277
9325	37.22	5.59	37.63	261	10325	37.75	-5.74	38.18	278	11325	38.09	-5.88	38.54	279
9350	37.47	4.94	37.79	262	10350	37.97	-6.04	38.45	279	11350	38.18	-5.83	38.62	279
9375	37.40	4.56	37.68	263	10375	37.96	-6.50	38.52	280	11375	38.14	-5.96	38.60	279
9400	37.06	4.98	37.39	262	10400	38.00	-5.79	38.44	278	11400	38.49	-6.86	39.10	280
9425	37.08	4.56	37.36	263	10425	37.96	-5.78	38.40	278	11425	38.71	-7.31	39.39	281
9450	37.05	3.99	37.26	264	10450	37.90	-5.89	38.35	279	11450	38.46	-6.92	39.08	280
9475	36.91	4.03	37.13	264	10475	38.03	-6.23	38.54	279	11475	38.56	-6.76	39.15	280
9500	36.97	3.95	37.18	264	10500	38.04	-6.58	38.60	280	11500	38.80	-7.16	39.45	280
9525	37.14	3.40	37.30	265	10525	38.06	-6.24	38.57	279	11525	38.84	-7.00	39.47	280
9550	36.95	3.13	37.08	265	10550	38.10	-6.37	38.63	279	11550	38.85	-7.48	39.56	281
9575	36.49	3.69	36.68	264	10575	38.01	-6.55	38.57	280	11575	38.44	-7.57	39.17	281
9600	36.34	3.91	36.55	264	10600	38.01	-6.42	38.55	279	11600	38.92	-7.47	39.63	281
9625	36.40	3.63	36.58	264	10625	37.63	-6.06	38.11	279	11625	39.10	-7.49	39.81	281
9650	36.31	2.98	36.44	265	10650	37.14	-6.43	37.69	280	11650	38.83	-7.91	39.63	281
9675	36.90	1.86	36.94	267	10675	37.09	-7.00	37.75	281	11675	38.94	-8.44	39.85	282
9700	37.04	1.28	37.06	268	10700	36.74	-6.49	37.31	280	11700	38.93	-8.35	39.81	282
9725	36.93	1.00	36.95	268	10725	36.61	-6.77	37.23	280	11725	38.95	-9.20	40.02	283
9750	37.14	0.98	37.15	268	10750	36.52	-7.01	37.19	281	11750	38.84	-9.83	40.07	284
9775	37.49	0.16	37.49	270	10775	36.09	-6.47	36.67	280	11775	38.64	-10.43	40.03	285
9800	37.58	-0.47	37.58	271	10800	36.35	-6.47	36.92	280	11800	38.97	-10.92	40.47	285
9825	37.47	-0.52	37.47	271	10825	36.67	-5.61	37.10	279	11825	39.16	-10.53	40.55	285
9850	37.78	-0.18	37.78	270	10850	36.45	-5.26	36.83	278	11850	39.45	-10.71	40.88	285
9875	38.07	-0.33	38.07	270	10875	36.11	-5.29	36.50	278	11875	39.38	-11.20	40.94	286
9900	38.39	-0.35	38.39	270	10900	35.74	-4.82	36.07	278	11900	39.27	-11.23	40.84	286
9925	38.41	-0.45	38.41	270	10925	35.98	-5.27	36.36	278	11925	39.79	-11.75	41.49	286
9950	38.00	-1.13	38.01	272	10950	36.01	-5.41	36.41	278	11950	39.79	-12.14	41.60	287
9975	37.84	-1.73	37.88	272	10975	35.60	-4.97	35.95	278	11975	39.58	-12.40	41.48	287
10000	37.75	-1.95	37.80	273	11000	35.46	-4.66	35.77	277	12000	40.14	-13.40	42.32	288
10025	38.11	-2.46	38.19	274	11025	35.58	-4.73	35.89	277	12025	40.30	-13.69	42.56	289
10050	38.28	-2.94	38.39	274	11050	35.74	-4.83	36.06	278	12050	40.05	-13.41	42.24	288
10075	38.01	-2.88	38.12	274	11075	36.04	-4.41	36.31	277	12075	39.82	-14.16	42.26	289
10100	38.04	-3.14	38.17	275	11100	36.27	-4.63	36.57	277	12100	39.79	-14.08	42.21	289
10125	38.28	-3.81	38.47	276	11125	36.36	-4.35	36.62	277	12125	40.15	-13.22	42.27	288
10150	38.53	-4.08	38.74	276	11150	36.27	-3.64	36.45	276	12150	40.43	-13.86	42.74	289
10175	38.49	-4.29	38.73	276	11175	36.16	-4.52	36.44	277	12175	40.64	-14.00	42.99	289
10200	38.35	-4.58	38.63	277	11200	36.38	-4.89	36.71	277	12200	41.07	-14.22	43.46	289
10225	38.13	-4.43	38.39	276	11225	36.78	-4.52	37.05	277	12225	41.29	-14.88	43.89	290

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TABLE II-56 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1912 03/18/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12250	41.30	-14.36	43.73	289	13250	43.74	-0.99	43.75	271	14250	33.32	4.80	33.67	262
12275	41.29	-14.36	43.72	289	13275	44.06	-1.46	44.09	272	14275	33.32	4.37	33.61	262
12300	41.16	-14.95	43.79	290	13300	44.41	-2.18	44.46	273	14300	33.22	4.07	33.47	263
12325	40.91	-14.95	43.55	290	13325	44.33	-1.46	44.36	272	14325	33.18	3.89	33.41	263
12350	41.01	-15.40	43.81	290	13350	44.61	-1.96	44.65	272	14350	33.09	3.66	33.29	264
12375	41.25	-15.97	44.23	291	13375	44.65	-1.86	44.69	272	14375	33.26	3.02	33.40	265
12400	41.05	-15.82	43.99	291	13400	44.74	-2.33	44.80	273	14400	33.12	3.81	33.34	263
12425	41.45	-15.79	44.35	291	13425	45.35	-3.35	45.47	274	14425	33.05	4.35	33.34	262
12450	41.55	-15.60	44.38	290	13450	45.44	-2.53	45.51	273	14450	33.17	4.11	33.42	263
12475	41.10	-15.34	43.87	290	13475	45.32	-2.21	45.38	273	14475	33.05	4.00	33.29	263
12500	40.85	-15.08	43.55	290	13500	45.57	-3.26	45.69	274	14500	32.78	4.28	33.06	262
12525	40.50	-14.16	42.91	289	13525	45.42	-2.70	45.50	273	14525	32.53	5.13	32.93	261
12550	40.22	-13.70	42.49	289	13550	44.41	-2.25	44.46	273	14550	32.88	4.16	33.15	263
12575	39.42	-12.56	41.37	287	13575	43.03	-1.13	43.04	271	14575	33.07	3.63	33.27	264
12600	38.38	-11.15	39.97	286	13600	42.92	-1.39	42.94	272	14600	32.95	3.98	33.19	263
12625	37.69	-10.72	39.19	286	13625	41.96	-1.19	41.98	271	14625	32.85	4.07	33.11	263
12650	37.34	-9.90	38.63	285	13650	41.44	-0.52	41.44	271	14650	32.82	4.46	33.12	262
12675	36.96	-8.63	37.95	283	13675	40.88	-0.81	40.88	271	14675	32.97	3.80	33.19	263
12700	36.90	-7.42	37.64	281	13700	39.91	-0.45	39.91	270	14700	32.97	3.71	33.17	263
12725	36.69	-5.58	37.11	278	13725	38.73	0.88	38.74	269	14725	32.78	4.45	33.08	262
12750	36.06	-3.77	36.25	276	13750	38.03	1.22	38.04	268	14750	32.62	4.51	32.93	262
12775	36.57	-3.07	36.70	275	13775	37.74	1.70	37.78	267	14775	32.45	4.48	32.75	262
12800	37.15	-1.83	37.20	273	13800	36.97	2.52	37.05	266	14800	32.44	4.64	32.77	262
12825	37.57	-1.16	37.58	272	13825	37.22	2.03	37.27	267	14825	32.44	4.79	32.79	261
12850	38.54	-0.75	38.55	271	13850	37.20	0.99	37.22	268	14850	32.18	5.45	32.63	260
12875	39.00	0.70	39.00	269	13875	36.85	0.12	36.85	270	14875	31.96	6.02	32.52	259
12900	38.88	1.13	38.90	268	13900	36.56	1.35	36.58	268	14900	31.84	6.04	32.41	259
12925	39.00	1.58	39.03	268	13925	36.43	2.16	36.49	266	14925	31.41	6.36	32.04	258
12950	39.71	1.77	39.75	267	13950	36.05	2.10	36.11	266	14950	31.31	6.77	32.03	258
12975	40.30	0.89	40.31	269	13975	36.23	2.00	36.28	267	14975	31.26	6.86	32.01	257
13000	40.48	1.10	40.50	268	14000	36.02	2.80	36.13	265	15000	31.48	6.78	32.20	258
13025	40.65	1.06	40.66	268	14025	35.96	2.20	36.03	266	15025	31.54	6.88	32.29	258
13050	40.99	0.63	41.00	269	14050	36.15	2.62	36.25	266	15050	31.44	7.11	32.23	257
13075	41.25	0.61	41.25	269	14075	35.63	2.83	35.74	265	15075	30.79	7.96	31.81	255
13100	41.79	0.56	41.79	269	14100	35.01	4.01	35.24	263	15100	30.56	8.65	31.76	254
13125	42.37	0.03	42.37	270	14125	34.53	4.90	34.88	262	15125	30.57	9.66	32.06	252
13150	42.78	-0.94	42.79	271	14150	34.31	4.10	34.55	263	15150	30.48	9.31	31.87	253
13175	43.22	-1.94	43.26	272	14175	33.99	4.05	34.23	263	15175	30.50	9.16	31.85	253
13200	43.04	-1.02	43.05	271	14200	33.81	5.06	34.19	261	15200	30.52	9.02	31.83	253
13225	43.43	-1.36	43.45	272	14225	33.25	6.31	33.84	259	15225	30.54	8.88	31.81	254

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1912 03/18/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15250	31.28	9.86	32.79	252										
15275	31.34	10.26	32.97	252										
15300	31.40	10.65	33.16	251										
15325	30.80	9.59	32.26	253										
15350	30.40	7.08	31.22	257										
15375	30.74	9.42	32.15	253										
15400	30.76	8.72	31.97	254										
15425	30.32	7.11	31.14	257										
15450	30.53	6.87	31.29	257										
15475	30.59	6.52	31.27	258										
15500	30.45	6.69	31.18	257										
15525	30.53	5.78	31.08	259										
15550	30.46	5.56	30.97	259										
15575	30.39	5.34	30.86	260										
15600	30.48	5.45	30.96	260										
15625	30.97	5.42	31.44	260										
15650	31.13	4.08	31.40	262										
15675	31.07	3.42	31.26	264										
15700	31.02	2.77	31.14	265										
15725	30.39	-0.10	30.39	270										
15750	31.75	4.05	32.00	263										
15775	31.67	4.13	31.94	262										
15800	31.19	2.88	31.32	265										
15825	31.50	2.64	31.61	265										
15850	31.82	3.11	31.98	264										
15875	31.95	0.93	31.96	268										
15900	30.00	0.29	30.01	269										
15925	29.59	0.80	29.60	268										
15950	29.17	1.31	29.20	267										
15975	28.76	1.82	28.82	266										
16000	26.82	3.42	27.04	263										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-57

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1804 03/20/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	2.45	7.49	7.88	198	1200	6.02	12.13	13.54	206	2200	6.65	14.68	16.11	204
225	3.56	7.41	8.22	205	1225	5.80	12.37	13.67	205	2225	6.68	14.55	16.01	204
250	4.37	7.45	8.64	210	1250	5.87	12.64	13.94	205	2250	7.08	14.60	16.23	206
275	5.26	7.53	9.19	215	1275	5.88	12.85	14.13	204	2275	7.49	14.70	16.50	207
300	5.90	7.69	9.70	217	1300	5.54	12.90	14.04	203	2300	7.64	14.79	16.65	207
325	6.35	7.90	10.14	219	1325	5.07	12.81	13.78	201	2325	7.92	14.82	16.81	208
350	6.64	8.14	10.51	219	1350	4.86	12.89	13.78	200	2350	8.21	14.97	17.07	209
375	7.46	8.41	11.24	221	1375	4.85	13.10	13.97	200	2375	8.00	14.92	16.93	208
400	7.84	8.70	11.72	222	1400	4.77	13.31	14.14	200	2400	8.07	15.02	17.05	208
425	7.45	9.00	11.68	219	1425	4.57	13.37	14.13	199	2425	8.61	15.17	17.44	209
450	7.42	9.33	11.92	218	1450	4.34	13.18	13.88	198	2450	8.89	14.64	17.13	211
475	7.72	9.72	12.41	218	1475	4.21	13.12	13.78	198	2475	9.18	13.78	16.56	213
500	8.19	10.19	13.08	219	1500	4.26	13.20	13.86	198	2500	9.49	13.21	16.26	216
525	8.88	10.76	13.95	219	1525	4.42	13.29	14.01	198	2525	10.04	13.07	16.48	217
550	9.20	11.34	14.60	219	1550	4.46	13.38	14.10	198	2550	10.54	12.97	16.71	219
575	8.68	11.79	14.64	216	1575	4.41	13.38	14.09	198	2575	11.15	12.93	17.08	221
600	7.98	12.48	14.81	212	1600	4.41	13.35	14.06	198	2600	12.04	12.74	17.53	223
625	8.17	11.63	14.21	215	1625	4.39	13.40	14.10	198	2625	12.56	12.27	17.56	225
650	8.91	10.20	13.54	221	1650	4.38	13.50	14.19	198	2650	12.96	12.05	17.70	227
675	9.08	10.13	13.61	222	1675	4.40	13.61	14.30	198	2675	13.33	12.11	18.01	228
700	8.86	10.03	13.38	221	1700	4.45	13.93	14.63	198	2700	13.54	12.19	18.22	228
725	8.46	10.02	13.12	220	1725	4.43	14.42	15.08	197	2725	13.50	12.39	18.32	227
750	8.01	10.00	12.81	219	1750	4.42	14.96	15.60	196	2750	13.47	12.71	18.52	226
775	8.04	10.19	12.98	218	1775	4.54	15.24	15.90	196	2775	13.61	13.19	18.95	226
800	8.28	10.41	13.30	218	1800	4.59	15.07	15.75	197	2800	13.72	13.62	19.33	225
825	8.39	10.49	13.43	218	1825	4.56	14.80	15.48	197	2825	13.86	14.04	19.72	224
850	8.25	10.62	13.45	218	1850	4.61	14.78	15.48	197	2850	13.95	14.36	20.02	224
875	7.68	10.53	13.04	216	1875	4.52	14.80	15.48	197	2875	14.12	14.62	20.32	224
900	7.18	10.44	12.67	214	1900	4.07	14.69	15.25	195	2900	14.40	14.94	20.75	224
925	7.07	10.55	12.71	214	1925	3.90	14.54	15.05	195	2925	14.50	15.15	20.97	224
950	7.31	10.80	13.04	214	1950	4.08	14.32	14.89	196	2950	14.43	15.21	20.97	223
975	7.29	10.99	13.19	213	1975	4.36	14.25	14.90	197	2975	14.46	15.16	20.95	223
1000	6.89	10.91	12.90	212	2000	4.67	14.08	14.83	198	3000	14.66	15.49	21.33	223
1025	6.47	10.78	12.57	211	2025	4.95	14.01	14.86	199	3025	14.71	15.82	21.60	223
1050	6.35	10.88	12.60	210	2050	5.28	14.10	15.06	200	3050	14.52	15.76	21.43	222
1075	6.36	11.11	12.80	210	2075	5.62	14.16	15.24	201	3075	14.55	16.04	21.66	222
1100	6.26	11.32	12.93	209	2100	5.86	14.28	15.43	202	3100	14.52	16.25	21.79	222
1125	6.24	11.48	13.06	208	2125	6.03	14.29	15.51	203	3125	14.41	16.42	21.85	221
1150	6.34	11.59	13.21	208	2150	6.30	14.42	15.74	203	3150	14.57	16.57	22.07	221
1175	6.33	11.86	13.44	208	2175	6.58	14.67	16.08	204	3175	14.87	16.32	22.08	222

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1804 03/20/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	15.14	15.96	22.00	223	4200	21.99	14.71	26.46	236	5200	19.73	14.37	24.41	234
3225	15.46	15.78	22.09	224	4225	21.97	14.79	26.48	236	5225	19.64	14.74	24.56	233
3250	15.86	15.33	22.05	226	4250	22.03	14.81	26.55	236	5250	19.75	15.12	24.88	232
3275	16.40	14.76	22.06	228	4275	22.21	14.90	26.74	236	5275	19.90	15.54	25.25	232
3300	16.86	14.58	22.29	229	4300	22.24	15.10	26.88	236	5300	20.10	15.97	25.67	231
3325	16.95	14.38	22.23	230	4325	22.17	15.27	26.92	235	5325	20.69	16.29	26.33	232
3350	17.11	14.20	22.23	230	4350	21.94	15.43	26.82	235	5350	21.27	16.76	27.08	232
3375	17.40	13.97	22.32	231	4375	21.68	15.52	26.66	234	5375	21.22	16.97	27.17	231
3400	17.54	13.77	22.30	232	4400	21.84	15.61	26.85	234	5400	21.16	17.03	27.17	231
3425	17.62	13.74	22.34	232	4425	22.25	15.60	27.18	235	5425	21.02	17.22	27.17	230
3450	17.67	13.88	22.47	232	4450	22.61	15.22	27.26	236	5450	20.77	17.35	27.06	230
3475	17.49	13.84	22.30	231	4475	22.76	14.79	27.14	237	5475	20.44	17.60	26.97	229
3500	17.40	13.76	22.18	231	4500	22.89	14.35	27.02	238	5500	20.21	17.89	26.99	228
3525	17.43	13.53	22.07	232	4525	22.96	13.78	26.78	239	5525	20.14	17.95	26.98	228
3550	17.41	13.19	21.84	233	4550	23.14	13.50	26.79	240	5550	20.16	18.00	27.02	228
3575	17.63	13.31	22.09	233	4575	23.23	13.20	26.72	240	5575	20.16	18.07	27.07	228
3600	17.63	13.25	22.06	233	4600	23.38	13.20	26.85	240	5600	20.15	18.12	27.09	228
3625	17.20	13.01	21.56	233	4625	23.33	13.17	26.79	240	5625	20.12	18.30	27.20	228
3650	16.83	12.93	21.22	232	4650	23.00	13.08	26.46	240	5650	20.19	18.22	27.19	228
3675	16.51	12.69	20.82	232	4675	22.82	13.24	26.38	240	5675	20.41	18.06	27.25	228
3700	16.41	12.17	20.43	233	4700	22.67	13.25	26.26	240	5700	20.58	18.50	27.67	228
3725	16.48	11.86	20.31	234	4725	22.52	13.25	26.13	239	5725	20.88	19.14	28.32	227
3750	16.49	11.86	20.31	234	4750	22.36	13.38	26.06	239	5750	21.32	19.19	28.68	228
3775	16.59	11.78	20.35	234	4775	21.96	13.55	25.81	238	5775	21.79	18.97	28.89	229
3800	16.74	11.90	20.54	234	4800	21.69	13.49	25.54	238	5800	21.87	19.09	29.03	229
3825	17.30	12.58	21.39	234	4825	21.75	13.25	25.47	238	5825	22.24	19.12	29.33	229
3850	17.80	13.05	22.07	234	4850	21.72	13.04	25.34	239	5850	22.96	19.08	29.86	230
3875	18.10	12.96	22.27	234	4875	21.51	13.06	25.17	239	5875	23.49	19.08	30.26	231
3900	18.25	12.66	22.21	235	4900	21.37	13.27	25.15	238	5900	23.98	19.04	30.62	231
3925	18.60	12.65	22.50	236	4925	21.18	13.19	24.95	238	5925	24.22	18.77	30.64	232
3950	19.18	12.75	23.03	236	4950	21.08	13.34	24.94	237	5950	24.49	18.58	30.74	233
3975	19.64	12.72	23.40	237	4975	21.06	13.62	25.08	237	5975	24.65	18.71	30.94	233
4000	20.23	12.95	24.02	237	5000	20.83	13.68	24.92	237	6000	24.87	18.65	31.09	233
4025	20.82	13.19	24.65	237	5025	20.72	13.83	24.91	236	6025	25.13	18.34	31.11	234
4050	21.36	13.42	25.22	238	5050	20.52	13.78	24.72	236	6050	25.24	18.19	31.11	234
4075	21.82	13.56	25.69	238	5075	20.40	13.92	24.70	236	6075	25.43	17.81	31.05	235
4100	22.05	13.83	26.03	238	5100	20.16	14.03	24.56	235	6100	25.65	17.40	31.00	236
4125	21.93	14.14	26.09	237	5125	19.78	14.12	24.30	234	6125	26.16	17.26	31.34	236
4150	21.91	14.33	26.18	237	5150	19.60	14.40	24.32	234	6150	26.57	16.97	31.52	237
4175	22.05	14.58	26.43	236	5175	19.70	14.43	24.41	234	6175	26.57	17.11	31.60	237

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-57 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1804 03/20/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	26.78	17.04	31.74	237	7200	28.94	14.57	32.40	243	8200	29.94	16.63	34.25	241
6225	27.05	16.76	31.82	238	7225	29.01	14.42	32.40	243	8225	29.97	16.54	34.23	241
6250	27.18	16.82	31.97	238	7250	28.92	14.38	32.30	243	8250	30.31	16.29	34.41	242
6275	27.35	16.35	31.87	239	7275	28.92	14.20	32.22	244	8275	30.30	16.52	34.51	241
6300	27.59	15.96	31.88	240	7300	28.78	14.10	32.05	244	8300	30.64	16.63	34.86	241
6325	27.77	15.97	32.04	240	7325	28.68	14.19	32.00	244	8325	31.10	17.20	35.54	241
6350	27.96	15.66	32.05	241	7350	28.71	13.97	31.93	244	8350	30.96	18.20	35.92	239
6375	28.01	15.42	31.97	241	7375	28.58	13.96	31.81	244	8375	31.15	18.38	36.16	239
6400	28.16	15.10	31.95	242	7400	28.64	13.90	31.83	244	8400	31.69	18.50	36.70	240
6425	28.27	14.75	31.89	242	7425	28.68	14.04	31.93	244	8425	32.02	18.70	37.08	240
6450	28.23	14.38	31.68	243	7450	28.54	14.12	31.84	244	8450	32.01	18.85	37.15	239
6475	28.41	14.22	31.77	243	7475	28.41	13.75	31.56	244	8475	31.68	19.26	37.07	239
6500	28.40	13.96	31.65	244	7500	28.43	13.96	31.68	244	8500	31.78	19.00	37.00	239
6525	28.51	13.69	31.63	244	7525	28.53	14.13	31.84	243	8525	31.66	18.99	36.91	239
6550	28.66	13.60	31.72	244	7550	28.53	13.90	31.73	244	8550	31.63	19.10	36.95	239
6575	28.61	13.46	31.61	245	7575	28.35	14.00	31.62	244	8575	31.89	18.83	37.03	239
6600	28.59	13.48	31.61	245	7600	28.25	14.18	31.61	243	8600	31.77	18.86	36.94	239
6625	28.74	13.35	31.69	245	7625	28.02	14.20	31.41	243	8625	31.64	19.31	37.07	238
6650	29.06	13.02	31.84	246	7650	27.80	14.06	31.15	243	8650	31.98	19.37	37.39	239
6675	29.55	12.56	32.11	247	7675	27.87	14.20	31.28	243	8675	31.95	19.33	37.35	239
6700	29.55	12.23	31.98	247	7700	27.82	14.47	31.36	242	8700	31.61	19.67	37.24	238
6725	29.48	11.86	31.77	248	7725	27.76	14.68	31.41	242	8725	31.75	19.52	37.27	238
6750	29.35	11.60	31.56	248	7750	27.77	14.85	31.49	242	8750	31.68	19.69	37.30	238
6775	29.22	11.22	31.30	249	7775	27.69	14.83	31.41	242	8775	31.37	20.26	37.34	237
6800	29.39	11.19	31.45	249	7800	27.90	15.10	31.72	241	8800	31.77	19.85	37.46	238
6825	29.41	11.46	31.57	249	7825	27.85	15.42	31.83	241	8825	32.97	19.19	38.15	240
6850	29.21	11.64	31.44	248	7850	27.93	15.53	31.96	241	8850	33.17	19.24	38.35	240
6875	28.87	11.85	31.21	248	7875	27.87	15.25	31.77	241	8875	33.27	18.96	38.29	240
6900	28.99	12.18	31.45	247	7900	27.61	15.27	31.55	241	8900	33.47	19.26	38.62	240
6925	28.87	12.46	31.44	246	7925	27.99	15.51	32.00	241	8925	33.18	19.42	38.44	239
6950	28.44	12.95	31.25	245	7950	27.98	15.36	31.92	241	8950	33.03	19.00	38.11	240
6975	28.37	13.19	31.29	245	7975	28.18	15.76	32.28	241	8975	32.97	18.72	37.92	240
7000	28.23	13.36	31.23	244	8000	28.57	16.17	32.83	240	9000	33.12	18.01	37.70	241
7025	27.92	13.99	31.23	243	8025	28.75	16.53	33.16	240	9025	33.06	17.79	37.54	242
7050	27.67	14.21	31.11	243	8050	28.98	16.85	33.52	240	9050	32.92	17.64	37.35	242
7075	27.70	14.36	31.20	242	8075	29.24	16.85	33.75	240	9075	33.20	17.43	37.50	242
7100	27.97	14.42	31.47	243	8100	29.59	16.50	33.88	241	9100	33.25	17.17	37.42	243
7125	28.17	14.57	31.71	242	8125	29.62	16.67	33.99	240	9125	33.18	16.72	37.15	243
7150	28.25	14.94	31.96	242	8150	29.65	17.05	34.20	240	9150	33.65	16.15	37.33	244
7175	28.61	14.71	32.18	243	8175	29.97	16.74	34.33	241	9175	33.61	15.93	37.19	244

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1804 03/20/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	33.10	16.53	37.00	243	10200	36.47	16.27	39.93	246	11200	37.17	14.91	40.05	248
9225	33.42	16.38	37.22	244	10225	36.69	16.09	40.07	246	11225	36.89	14.37	39.59	249
9250	33.66	16.22	37.37	244	10250	36.86	16.02	40.19	246	11250	36.61	13.26	38.93	250
9275	33.12	17.13	37.29	242	10275	36.57	16.24	40.01	246	11275	36.44	12.68	38.59	251
9300	33.06	17.11	37.22	242	10300	36.29	16.11	39.70	246	11300	35.87	12.19	37.89	251
9325	33.56	16.83	37.54	243	10325	36.50	16.07	39.88	246	11325	35.84	12.78	38.05	250
9350	33.38	17.62	37.75	242	10350	36.43	16.20	39.87	246	11350	36.57	12.44	38.63	251
9375	33.56	18.03	38.10	242	10375	36.42	16.33	39.91	246	11375	37.07	12.07	38.99	252
9400	33.62	18.18	38.22	241	10400	36.55	16.32	40.03	246	11400	36.60	12.42	38.65	251
9425	33.39	17.94	37.90	242	10425	36.41	16.17	39.84	246	11425	36.12	12.79	38.32	250
9450	33.38	17.84	37.85	242	10450	36.27	16.53	39.86	245	11450	36.61	12.36	38.64	251
9475	33.84	18.35	38.50	241	10475	36.48	16.34	39.97	246	11475	36.94	11.47	38.68	253
9500	34.57	18.45	39.19	242	10500	36.47	16.58	40.06	245	11500	35.95	12.90	38.20	250
9525	35.21	18.09	39.58	243	10525	36.03	17.25	39.95	244	11525	36.31	12.37	38.36	251
9550	36.04	17.59	40.10	244	10550	36.15	17.16	40.02	244	11550	36.67	11.53	38.44	252
9575	36.17	17.52	40.19	244	10575	36.98	17.06	40.72	245	11575	36.39	12.47	38.46	251
9600	36.30	17.60	40.34	244	10600	36.99	17.11	40.75	245	11600	36.72	11.75	38.56	252
9625	36.57	16.86	40.27	245	10625	36.52	17.58	40.53	244	11625	37.20	11.79	39.02	252
9650	37.02	16.57	40.56	246	10650	36.59	17.29	40.47	245	11650	37.91	11.59	39.64	253
9675	37.20	16.89	40.85	245	10675	36.50	17.22	40.36	245	11675	38.46	11.10	40.03	254
9700	37.27	16.35	40.70	246	10700	36.71	17.16	40.53	245	11700	38.79	11.52	40.46	253
9725	37.63	15.68	40.77	247	10725	36.81	17.16	40.61	245	11725	39.61	11.32	41.20	254
9750	37.96	15.24	40.90	248	10750	36.50	17.35	40.41	244	11750	40.16	10.48	41.51	255
9775	38.74	15.07	41.57	249	10775	36.31	17.16	40.17	245	11775	40.23	10.13	41.48	256
9800	39.09	15.03	41.88	249	10800	36.43	17.04	40.22	245	11800	40.10	10.28	41.40	255
9825	39.09	15.13	41.92	249	10825	36.67	16.67	40.28	245	11825	39.74	10.50	41.10	255
9850	38.83	15.72	41.89	248	10850	36.84	16.54	40.38	246	11850	40.16	9.65	41.30	256
9875	38.42	16.29	41.73	247	10875	36.62	16.83	40.30	245	11875	40.80	8.38	41.66	258
9900	38.32	16.29	41.64	247	10900	36.76	16.87	40.45	245	11900	40.19	9.21	41.23	257
9925	37.94	16.31	41.30	247	10925	37.07	16.83	40.71	245	11925	40.09	8.75	41.03	258
9950	37.56	16.12	40.88	247	10950	36.96	17.02	40.69	245	11950	40.46	8.02	41.25	259
9975	37.19	15.97	40.47	247	10975	36.98	16.85	40.64	245	11975	40.39	8.65	41.31	258
10000	36.81	15.96	40.12	246	11000	36.69	16.86	40.38	245	12000	40.56	8.98	41.54	257
10025	36.74	16.18	40.14	246	11025	36.52	16.67	40.15	245	12025	40.56	9.14	41.58	257
10050	36.67	16.10	40.05	246	11050	36.81	16.54	40.36	246	12050	40.39	9.36	41.46	257
10075	36.50	16.19	39.93	246	11075	36.84	16.72	40.46	245	12075	40.77	9.38	41.83	257
10100	36.12	16.29	39.62	246	11100	36.88	16.76	40.51	245	12100	41.33	8.78	42.25	258
10125	36.67	15.65	39.87	247	11125	37.12	16.49	40.62	246	12125	40.86	8.99	41.83	257
10150	37.02	15.65	40.20	247	11150	37.25	15.71	40.42	247	12150	40.76	8.72	41.68	258
10175	36.56	15.91	39.87	246	11175	37.11	15.25	40.12	247	12175	40.86	8.29	41.70	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-57 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1804 03/20/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	40.43	8.74	41.36	258	13200	48.69	10.46	49.81	258	14200	40.57	13.78	42.85	251
12225	41.31	8.22	42.12	259	13225	49.24	10.36	50.32	258	14225	40.60	14.18	43.01	251
12250	42.08	8.02	42.84	259	13250	49.41	11.42	50.71	257	14250	40.94	13.51	43.11	252
12275	42.59	6.53	43.09	261	13275	49.31	12.56	50.89	256	14275	40.70	14.16	43.10	251
12300	43.23	5.30	43.56	263	13300	49.69	12.71	51.28	255	14300	40.70	14.48	43.20	250
12325	43.34	5.94	43.74	262	13325	49.52	12.81	51.14	255	14325	40.50	14.58	43.04	250
12350	42.97	5.70	43.35	262	13350	49.66	13.53	51.47	255	14350	40.30	14.67	42.89	250
12375	42.41	6.50	42.91	261	13375	49.94	13.57	51.75	255	14375	38.65	16.81	42.15	246
12400	43.50	5.41	43.83	263	13400	49.17	15.02	51.41	253	14400	38.79	17.48	42.55	246
12425	44.40	4.78	44.66	264	13425	48.53	15.84	51.05	252	14425	39.05	17.34	42.73	246
12450	44.88	4.70	45.12	264	13450	48.06	15.41	50.47	252	14450	39.14	17.52	42.89	246
12475	45.64	4.11	45.83	265	13475	47.33	15.75	49.88	251	14475	38.83	18.82	43.15	244
12500	46.25	3.72	46.40	265	13500	46.69	16.36	49.47	251	14500	39.04	19.77	43.76	243
12525	47.90	2.48	47.96	267	13525	46.24	16.96	49.25	250	14525	39.04	20.23	43.97	242
12550	48.52	1.99	48.56	267	13550	46.11	17.09	49.18	249	14550	38.22	20.81	43.52	241
12575	48.39	2.27	48.45	267	13575	46.01	16.62	48.92	250	14575	37.57	21.29	43.19	240
12600	48.48	2.23	48.53	267	13600	45.86	17.05	48.93	249	14600	37.56	22.19	43.62	239
12625	48.80	2.08	48.84	267	13625	46.09	17.10	49.16	249	14625	37.72	22.27	43.80	239
12650	49.10	1.98	49.14	268	13650	46.27	16.59	49.15	250	14650	37.88	22.36	43.98	239
12675	49.32	1.64	49.34	268	13675	46.38	15.92	49.04	251	14675	38.25	23.24	44.75	239
12700	49.30	1.59	49.32	268	13700	46.43	15.05	48.81	252	14700	38.33	23.78	45.11	238
12725	49.32	1.88	49.35	268	13725	46.47	15.53	48.99	251	14725	38.34	23.74	45.10	238
12750	49.45	1.79	49.48	268	13750	47.13	14.80	49.40	252	14750	37.85	24.05	44.85	237
12775	49.91	1.83	49.95	268	13775	47.52	13.08	49.29	254	14775	36.92	25.89	45.09	235
12800	50.19	2.19	50.23	267	13800	47.21	12.50	48.84	255	14800	36.87	26.34	45.31	234
12825	50.38	1.31	50.39	268	13825	47.16	12.61	48.82	255	14825	36.81	26.79	45.53	234
12850	50.09	1.79	50.12	268	13850	46.95	12.77	48.66	255	14850	37.50	27.16	46.30	234
12875	50.01	2.71	50.08	267	13875	46.69	10.82	47.92	257	14875	38.14	27.71	47.14	234
12900	50.11	3.23	50.22	266	13900	46.72	10.34	47.86	257	14900	39.64	28.39	48.76	234
12925	49.58	4.75	49.80	264	13925	46.52	10.81	47.76	257	14925	40.31	28.46	49.35	235
12950	49.75	5.06	50.00	264	13950	46.92	9.92	47.96	258	14950	41.00	28.82	50.12	235
12975	49.60	5.95	49.95	263	13975	46.48	10.24	47.60	257	14975	42.08	27.81	50.44	236
13000	48.91	6.47	49.33	262	14000	45.90	9.80	46.93	258	15000	42.27	27.46	50.41	237
13025	49.05	6.41	49.47	262	14025	45.33	9.08	46.23	258	15025	42.46	27.12	50.38	237
13050	49.05	7.09	49.56	262	14050	44.82	9.87	45.91	257	15050	42.68	27.03	50.37	237
13075	48.89	7.79	49.51	261	14075	44.46	9.94	45.56	257	15075	43.02	27.81	51.23	237
13100	48.84	7.94	49.48	261	14100	43.79	11.08	45.17	256	15100	43.37	26.75	50.96	238
13125	48.68	8.67	49.44	260	14125	43.05	12.32	44.78	254	15125	42.94	26.48	50.45	238
13150	48.63	9.27	49.51	259	14150	42.49	12.44	44.27	253	15150	43.87	25.84	50.91	239
13175	48.39	10.12	49.44	258	14175	41.60	12.40	43.41	253	15175	44.25	25.52	51.08	240

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1804 03/20/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	44.18	25.19	50.86	240										
15225	44.38	24.58	50.73	241										
15250	44.33	23.70	50.27	242										
15275	44.17	22.26	49.46	243										
15300	43.94	21.59	48.96	244										
15325	43.86	19.99	48.20	245										
15350	43.24	18.42	47.00	247										
15375	42.50	16.51	45.59	249										
15400	42.10	15.33	44.80	250										
15425	40.73	15.14	43.45	249										
15450	38.81	15.46	41.77	248										
15475	38.50	15.07	41.35	248										
15500	38.20	14.69	40.93	249										
15525	38.13	14.47	40.78	249										
15550	38.06	14.24	40.64	249										
15575	38.07	13.98	40.56	250										
15600	38.18	14.27	40.76	249										
15625	38.41	13.67	40.77	250										
15650	38.69	12.81	40.76	251										
15675	38.08	13.12	40.28	251										
15700	38.08	13.02	40.24	251										
15725	38.07	12.93	40.21	251										
15750	37.96	12.56	39.99	252										
15775	37.84	11.10	39.43	253										
15800	38.77	9.66	39.96	256										
15825	38.97	10.61	40.38	255										
15850	38.59	10.86	40.09	254										
15875	37.86	10.65	39.33	254										
15900	37.15	11.37	38.86	253										
15925	37.55	11.02	39.13	253										
15950	37.49	11.20	39.13	253										
15975	36.96	12.36	38.97	251										
16000	36.98	12.25	38.95	251										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-58

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1817 03/21/65, 2338Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
275	-2.81	-12.64	12.95	12	1275	-7.54	-0.23	7.54	88	2275	4.30	5.12	6.69	220
300	-3.20	-13.32	13.70	13	1300	-7.01	0.65	7.05	95	2300	3.83	5.05	6.34	217
325	-2.84	-13.63	13.92	12	1325	-6.29	1.16	6.39	100	2325	3.82	4.89	6.20	218
350	-2.28	-13.52	13.72	9	1350	-5.45	0.91	5.53	99	2350	3.83	4.81	6.14	218
375	-2.08	-13.81	13.97	8	1375	-4.23	1.07	4.37	104	2375	3.86	4.69	6.07	219
400	-1.95	-13.88	14.02	8	1400	-3.24	1.14	3.43	109	2400	4.28	4.55	6.24	223
425	-2.41	-13.25	13.47	10	1425	-2.74	1.01	2.92	110	2425	4.65	4.41	6.41	226
450	-3.07	-12.59	12.96	13	1450	-2.54	1.38	2.89	118	2450	5.58	4.08	6.91	234
475	-3.98	-12.31	12.94	18	1475	-2.43	1.61	2.92	123	2475	7.15	3.81	8.11	242
500	-4.73	-12.13	13.02	21	1500	-2.23	1.62	2.76	126	2500	8.07	3.66	8.86	245
525	-5.07	-12.19	13.20	22	1525	-1.95	1.77	2.64	132	2525	8.51	3.46	9.18	248
550	-5.61	-12.18	13.41	25	1550	-1.51	1.94	2.46	142	2550	8.91	3.40	9.54	249
575	-6.19	-11.79	13.32	28	1575	-0.76	1.90	2.05	158	2575	9.39	3.67	10.08	248
600	-6.71	-11.38	13.21	30	1600	0.03	2.13	2.13	181	2600	10.10	4.55	11.08	246
625	-7.46	-10.92	13.23	34	1625	0.48	2.17	2.22	192	2625	11.07	5.65	12.43	243
650	-8.17	-10.44	13.26	38	1650	0.58	1.63	1.73	199	2650	11.97	7.01	13.87	239
675	-8.62	-10.04	13.23	40	1675	0.67	1.29	1.45	207	2675	12.71	8.38	15.22	236
700	-9.06	-9.59	13.19	43	1700	0.66	1.32	1.47	207	2700	13.32	9.30	16.25	235
725	-9.39	-9.19	13.14	45	1725	0.54	1.36	1.46	201	2725	13.78	10.19	17.14	233
750	-9.57	-8.73	12.95	47	1750	0.33	1.22	1.26	195	2750	14.33	10.88	17.99	233
775	-9.67	-8.26	12.72	49	1775	0.23	0.88	0.91	195	2775	14.93	11.07	18.58	233
800	-9.81	-7.91	12.60	51	1800	0.12	0.53	0.54	192	2800	15.54	10.95	19.01	235
825	-10.08	-7.64	12.65	53	1825	0.10	0.03	0.11	252	2825	16.09	10.77	19.36	236
850	-10.28	-7.35	12.64	54	1850	0.47	-0.55	0.73	320	2850	16.24	10.60	19.40	237
875	-10.53	-7.02	12.66	56	1875	1.13	-0.65	1.31	300	2875	16.14	10.37	19.19	237
900	-10.98	-6.70	12.87	58	1900	1.86	-0.22	1.88	276	2900	16.17	10.07	19.05	238
925	-11.43	-6.31	13.06	61	1925	2.54	0.43	2.58	260	2925	16.23	9.93	19.03	238
950	-11.61	-5.80	12.98	63	1950	3.18	1.13	3.37	250	2950	16.36	9.85	19.10	239
975	-11.56	-5.09	12.63	66	1975	3.26	1.89	3.77	240	2975	16.42	9.70	19.07	239
1000	-11.56	-4.46	12.39	69	2000	3.18	2.30	3.93	234	3000	16.49	9.62	19.09	240
1025	-11.80	-4.05	12.48	71	2025	3.31	2.66	4.24	231	3025	16.76	9.44	19.24	240
1050	-11.95	-3.82	12.54	72	2050	3.43	3.19	4.68	227	3050	16.83	9.16	19.16	241
1075	-11.87	-3.47	12.37	74	2075	3.50	3.64	5.05	224	3075	16.99	9.05	19.25	242
1100	-11.82	-3.14	12.23	75	2100	3.65	3.91	5.35	223	3100	17.30	9.02	19.51	242
1125	-11.26	-2.92	11.63	75	2125	3.85	4.07	5.60	223	3125	17.73	9.00	19.89	243
1150	-9.77	-2.40	10.06	76	2150	3.97	4.31	5.86	222	3150	18.19	8.86	20.23	244
1175	-8.51	-1.75	8.69	78	2175	4.16	4.47	6.10	223	3175	18.28	8.60	20.21	245
1200	-8.37	-1.35	8.48	81	2200	4.67	4.75	6.66	224	3200	18.55	8.44	20.38	245
1225	-8.31	-1.47	8.44	80	2225	5.14	5.03	7.19	225	3225	18.82	8.18	20.52	246
1250	-7.82	-1.17	7.91	81	2250	4.96	5.09	7.11	224	3250	18.89	7.99	20.51	247

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1817 03/21/65, 2338Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3275	18.95	7.94	20.54	247	4275	24.01	7.30	25.10	253	5275	26.83	1.31	26.86	267
3300	18.94	7.87	20.51	247	4300	23.98	7.25	25.05	253	5300	27.11	1.05	27.13	268
3325	19.11	7.77	20.63	248	4325	24.03	7.11	25.06	253	5325	27.02	0.86	27.03	268
3350	19.36	7.65	20.81	248	4350	23.98	7.01	24.99	254	5350	27.14	1.09	27.16	268
3375	19.47	7.37	20.82	249	4375	24.05	6.90	25.02	254	5375	27.81	1.54	27.86	267
3400	19.46	7.10	20.71	250	4400	24.07	6.82	25.02	254	5400	28.25	1.89	28.32	266
3425	19.56	6.96	20.77	250	4425	24.00	6.65	24.90	254	5425	28.71	2.23	28.79	265
3450	19.72	6.99	20.92	250	4450	24.03	6.56	24.91	255	5450	29.40	3.38	29.59	263
3475	19.69	7.15	20.95	250	4475	24.22	6.52	25.08	255	5475	29.06	4.72	29.45	261
3500	19.49	7.08	20.74	250	4500	24.40	6.38	25.22	255	5500	28.43	5.34	28.93	259
3525	19.47	6.97	20.68	250	4525	24.53	6.28	25.32	255	5525	28.58	5.83	29.17	258
3550	19.67	7.01	20.88	250	4550	24.67	6.35	25.38	255	5550	28.86	6.14	29.51	258
3575	19.63	6.78	20.77	251	4575	24.62	6.32	25.41	255	5575	29.28	6.40	29.97	257
3600	19.47	6.52	20.53	251	4600	24.55	6.18	25.32	256	5600	29.68	6.94	30.48	257
3625	19.75	6.50	20.80	252	4625	24.54	6.20	25.31	256	5625	29.79	7.35	30.69	256
3650	20.00	6.73	21.10	251	4650	24.96	6.23	25.73	256	5650	29.86	7.33	30.75	256
3675	19.82	7.07	21.04	250	4675	25.20	6.40	26.00	256	5675	30.02	7.33	30.90	256
3700	20.12	7.12	21.34	250	4700	25.53	6.54	26.35	255	5700	30.23	7.26	31.09	256
3725	20.96	7.35	22.21	250	4725	25.88	6.23	26.62	256	5725	30.38	7.15	31.21	257
3750	21.68	7.68	23.00	250	4750	25.73	5.80	26.37	257	5750	30.46	7.16	31.29	257
3775	21.86	8.00	23.28	250	4775	25.85	5.55	26.44	258	5775	31.00	7.18	31.83	257
3800	21.86	8.16	23.33	249	4800	25.84	5.42	26.41	258	5800	31.74	7.40	32.59	257
3825	22.26	7.93	23.63	250	4825	25.59	5.31	26.14	258	5825	32.10	7.69	33.01	256
3850	22.28	7.91	23.65	250	4850	25.36	5.14	25.87	258	5850	32.34	7.69	33.24	256
3875	22.12	7.87	23.48	250	4875	25.11	4.92	25.58	259	5875	32.38	7.63	33.27	257
3900	22.14	7.21	23.29	252	4900	24.85	4.87	25.32	259	5900	32.52	7.49	33.37	257
3925	21.97	6.44	22.89	253	4925	24.60	4.71	25.05	259	5925	32.78	7.08	33.54	258
3950	21.83	6.52	22.78	253	4950	24.82	3.93	25.13	261	5950	32.95	7.14	33.72	258
3975	22.44	7.05	23.52	252	4975	25.13	3.12	25.32	263	5975	33.11	7.48	33.94	257
4000	23.22	7.27	24.34	252	5000	25.36	2.52	25.48	264	6000	33.22	7.74	34.11	257
4025	23.35	7.13	24.42	253	5025	25.63	2.35	25.74	265	6025	33.35	7.93	34.28	256
4050	23.25	6.98	24.28	253	5050	25.93	2.75	26.08	264	6050	33.35	8.08	34.32	256
4075	23.63	6.62	24.54	254	5075	26.21	2.72	26.35	264	6075	33.34	8.48	34.40	256
4100	24.45	6.39	25.27	255	5100	26.07	2.39	26.18	265	6100	33.33	8.78	34.47	255
4125	24.23	7.03	25.23	254	5125	25.88	2.16	25.97	265	6125	33.12	8.93	34.31	255
4150	22.92	7.43	24.09	252	5150	25.80	2.11	25.89	265	6150	33.01	9.11	34.24	254
4175	22.43	7.23	23.57	252	5175	25.74	1.98	25.81	265	6175	33.06	9.27	34.34	254
4200	22.91	6.58	23.84	254	5200	26.00	1.71	26.06	266	6200	32.95	9.37	34.26	254
4225	23.07	6.06	23.85	255	5225	26.14	1.47	26.18	267	6225	32.88	9.53	34.23	254
4250	23.63	6.67	24.56	254	5250	26.34	1.37	26.38	267	6250	32.87	9.78	34.29	253

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1817 03/21/65, 2338Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6275	32.81	10.06	34.32	253	7275	35.91	9.46	37.14	255	8275	37.99	12.48	39.99	252
6300	32.85	10.22	34.40	253	7300	36.14	9.15	37.28	256	8300	38.23	12.31	40.17	252
6325	33.06	10.32	34.64	252	7325	36.14	8.87	37.21	256	8325	38.54	12.39	40.48	252
6350	33.29	10.33	34.86	253	7350	36.04	8.60	37.10	256	8350	38.80	12.51	40.77	252
6375	33.42	10.59	35.05	252	7375	36.13	8.78	37.19	256	8375	38.94	12.47	40.88	252
6400	33.40	10.84	35.11	252	7400	36.19	8.27	37.12	257	8400	39.25	12.19	41.10	253
6425	33.46	10.83	35.17	252	7425	36.53	7.84	37.36	258	8425	39.56	12.12	41.38	253
6450	33.54	10.80	35.23	252	7450	36.50	7.78	37.71	258	8450	39.51	12.37	41.40	252
6475	33.48	10.68	35.15	252	7475	36.53	7.64	37.71	258	8475	39.46	12.41	41.36	252
6500	33.72	10.76	35.39	252	7500	36.85	7.47	37.60	258	8500	39.47	12.67	41.46	252
6525	34.04	11.01	35.78	252	7525	36.95	7.32	37.67	259	8525	39.17	12.88	41.23	252
6550	34.17	11.17	35.95	252	7550	37.04	7.36	37.77	259	8550	38.91	12.87	40.99	252
6575	34.20	11.20	35.99	252	7575	37.03	7.33	37.74	259	8575	39.20	12.97	41.29	252
6600	34.18	11.19	35.97	252	7600	37.03	7.28	37.74	259	8600	38.98	13.02	41.09	251
6625	34.40	11.12	36.16	252	7625	37.19	7.47	37.93	258	8625	38.45	13.07	40.61	251
6650	34.44	10.84	36.10	252	7650	37.06	7.59	37.82	258	8650	38.01	13.55	40.35	250
6675	34.30	10.67	35.92	253	7675	36.85	7.66	37.64	258	8675	37.55	13.59	39.93	250
6700	34.30	10.57	35.89	253	7700	36.90	7.72	37.70	258	8700	37.38	13.54	39.75	250
6725	34.00	10.45	35.57	253	7725	37.09	7.91	37.93	258	8725	37.36	13.74	39.81	250
6750	33.99	10.21	35.49	253	7750	37.24	7.95	38.08	258	8750	37.30	13.82	39.78	249
6775	34.19	9.85	35.58	254	7775	37.14	8.01	37.99	258	8775	37.12	13.78	39.60	249
6800	34.49	9.31	35.72	255	7800	37.05	8.24	37.95	257	8800	36.94	13.84	39.45	249
6825	34.76	8.86	35.87	256	7825	37.09	8.01	37.94	258	8825	36.87	14.11	39.48	249
6850	34.85	8.77	35.94	256	7850	37.06	8.04	37.92	258	8850	36.88	13.98	39.44	249
6875	34.87	8.66	35.93	256	7875	37.08	8.59	38.06	257	8875	36.69	13.53	39.10	250
6900	34.72	8.58	35.76	256	7900	37.10	8.83	38.14	256	8900	36.50	13.38	38.87	250
6925	34.70	8.58	35.75	256	7925	36.82	9.33	37.98	256	8925	36.51	13.09	38.79	250
6950	34.82	8.70	35.89	256	7950	36.78	10.19	38.17	254	8950	36.27	12.89	38.49	250
6975	34.93	8.89	36.04	256	7975	36.75	11.03	38.37	253	8975	35.97	12.94	38.22	250
7000	34.87	9.14	36.05	255	8000	36.73	11.77	38.57	252	9000	35.93	12.06	37.90	251
7025	34.85	9.39	36.09	255	8025	36.84	12.13	38.79	252	9025	35.71	11.31	37.46	252
7050	34.97	9.48	36.23	255	8050	36.74	12.28	38.74	251	9050	35.75	11.42	37.53	252
7075	35.08	9.52	36.35	255	8075	36.68	12.30	38.69	251	9075	36.37	11.57	38.17	252
7100	35.22	9.44	36.52	255	8100	36.67	12.07	38.70	252	9100	36.83	10.87	38.40	253
7125	35.56	9.94	36.93	254	8125	36.97	11.87	38.83	252	9125	36.79	9.83	38.08	255
7150	35.57	10.22	37.01	254	8150	36.97	12.00	38.87	252	9150	36.28	9.35	37.46	255
7175	35.31	10.33	36.79	254	8175	36.93	12.15	38.88	252	9175	36.03	9.06	37.15	256
7200	35.43	10.37	36.91	254	8200	37.04	12.40	39.06	251	9200	35.97	8.98	37.07	256
7225	35.61	9.98	36.99	254	8225	37.24	12.55	39.29	251	9225	36.11	9.44	37.32	255
7250	35.75	9.62	37.02	255	8250	37.41	12.52	39.64	251	9250	36.71	8.89	37.77	256

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1817 03/21/65, 2338Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9275	36.72	7.58	37.50	258	10275	44.46	5.03	44.74	263	11275	43.87	14.16	46.10	252
9300	36.21	8.26	37.14	257	10300	44.59	5.60	44.94	263	11300	43.76	13.83	45.89	252
9325	36.40	8.75	37.44	256	10325	45.00	5.31	45.31	263	11325	43.43	13.72	45.55	252
9350	36.52	8.05	37.40	257	10350	45.28	5.38	45.60	263	11350	43.33	13.89	45.50	252
9375	36.68	7.81	37.50	258	10375	45.29	6.12	45.70	262	11375	43.56	13.82	45.70	252
9400	36.93	7.69	37.72	258	10400	45.23	6.15	45.65	262	11400	43.47	14.23	45.74	252
9425	36.92	7.26	37.62	259	10425	45.05	6.74	45.55	261	11425	43.08	13.78	45.23	252
9450	37.30	7.31	38.01	259	10450	44.95	6.53	45.42	262	11450	42.81	13.19	44.79	253
9475	37.45	6.75	38.05	260	10475	44.81	6.45	45.27	262	11475	42.86	13.25	44.86	253
9500	36.98	6.47	37.54	260	10500	44.52	6.88	45.05	261	11500	42.84	13.00	44.77	253
9525	36.51	6.08	37.02	260	10525	44.33	6.44	44.79	262	11525	42.83	13.66	44.95	252
9550	36.95	5.84	37.41	261	10550	44.42	7.23	45.00	261	11550	42.85	12.76	44.71	253
9575	37.86	7.00	38.50	259	10575	44.55	7.96	45.26	260	11575	42.46	11.79	44.07	254
9600	38.53	6.42	39.06	260	10600	44.59	7.67	45.63	260	11600	41.95	12.01	43.63	254
9625	38.85	4.79	39.15	263	10625	45.20	8.26	45.95	259	11625	41.64	12.11	43.37	254
9650	39.05	4.45	39.31	263	10650	45.07	8.31	45.83	259	11650	41.02	12.24	42.81	253
9675	39.28	4.33	39.51	264	10675	45.05	8.25	45.80	259	11675	40.84	11.95	42.56	254
9700	39.29	4.36	39.53	263	10700	44.92	9.30	45.87	258	11700	40.37	11.39	41.95	254
9725	39.32	4.06	39.53	264	10725	44.98	9.20	45.91	258	11725	39.84	11.07	41.35	254
9750	39.58	3.67	39.75	265	10750	45.13	8.92	46.00	259	11750	39.83	10.93	41.31	254
9775	39.96	3.87	40.14	264	10775	44.94	9.76	45.99	258	11775	39.38	10.66	40.80	255
9800	40.14	3.47	40.29	265	10800	44.94	9.97	46.04	257	11800	38.98	10.69	40.42	254
9825	40.57	2.82	40.67	266	10825	45.18	10.25	46.33	257	11825	38.94	9.48	40.07	256
9850	40.82	3.25	40.95	265	10850	45.04	10.78	46.31	256	11850	39.02	10.06	40.30	255
9875	41.01	3.20	41.13	265	10875	44.51	11.22	45.90	256	11875	38.83	10.20	40.15	255
9900	41.48	3.22	41.60	265	10900	44.92	11.58	46.39	255	11900	38.48	9.64	39.67	256
9925	42.03	3.20	42.15	265	10925	44.96	11.86	46.50	255	11925	38.29	9.97	39.57	255
9950	42.61	2.83	42.71	266	10950	44.82	12.25	46.46	255	11950	38.81	9.58	39.98	256
9975	42.89	3.14	43.00	266	10975	45.22	12.15	46.82	255	11975	38.84	10.10	40.13	255
10000	43.12	3.67	43.27	265	11000	45.28	12.49	46.97	254	12000	38.76	10.37	40.12	255
10025	43.36	3.61	43.51	265	11025	45.32	12.88	47.11	254	12025	38.91	9.71	40.10	256
10050	43.52	3.90	43.69	265	11050	45.38	13.29	47.29	253	12050	38.86	9.24	39.95	256
10075	43.58	4.26	43.79	264	11075	45.54	12.92	47.34	254	12075	38.31	9.78	39.54	255
10100	43.75	4.06	43.94	265	11100	45.67	13.26	47.56	254	12100	37.96	8.69	38.94	257
10125	44.16	4.21	44.36	264	11125	45.57	13.45	47.51	253	12125	37.54	7.70	38.32	258
10150	44.56	4.46	44.79	264	11150	45.16	12.94	46.98	254	12150	37.02	8.37	37.96	257
10175	44.77	4.37	44.99	264	11175	44.54	13.43	46.90	253	12175	37.30	7.61	38.07	258
10200	44.88	4.49	45.10	264	11200	44.56	14.34	46.81	252	12200	37.81	6.40	38.35	260
10225	44.83	4.67	45.07	264	11225	44.22	14.46	46.53	252	12225	37.94	6.69	38.52	260
10250	44.60	4.70	44.85	264	11250	44.16	14.20	46.38	252	12250	38.62	6.16	39.11	261

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-58 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1817 03/21/65, 2338Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12275	38.95	6.09	39.42	261	13275	45.89	4.60	46.12	264	14275	43.97	5.81	44.35	262
12300	39.18	6.12	39.66	261	13300	45.61	4.99	45.88	264	14300	44.11	6.31	44.56	262
12325	39.79	5.40	40.16	262	13325	45.47	4.99	45.74	264	14325	44.29	5.25	44.60	263
12350	39.92	5.26	40.27	262	13350	45.00	4.81	45.25	264	14350	43.62	5.85	44.01	262
12375	40.52	5.08	40.84	263	13375	44.57	5.01	44.85	263	14375	43.32	7.62	43.98	260
12400	40.94	6.06	41.38	261	13400	44.35	5.57	44.70	263	14400	43.36	7.94	44.08	259
12425	41.09	6.02	41.53	261	13425	44.20	5.17	44.50	263	14425	43.92	8.03	44.65	259
12450	41.68	5.80	42.08	262	13450	43.85	4.60	44.09	264	14450	44.27	8.48	45.07	259
12475	42.15	6.11	42.59	262	13475	43.51	4.54	43.75	264	14475	44.51	8.89	45.39	259
12500	42.27	6.83	42.82	261	13500	43.31	4.42	43.54	264	14500	44.54	9.36	45.51	258
12525	42.43	7.24	43.04	260	13525	42.87	5.07	43.17	263	14525	44.23	9.70	45.29	257
12550	42.60	8.17	43.38	259	13550	42.57	5.77	42.96	262	14550	44.08	10.31	45.27	257
12575	43.01	8.10	43.76	259	13575	41.89	6.20	42.35	261	14575	44.20	10.19	45.35	257
12600	43.33	7.41	43.96	260	13600	41.41	6.70	41.95	261	14600	44.80	9.52	45.80	258
12625	43.54	8.42	44.34	259	13625	41.16	6.53	41.67	261	14625	45.10	10.20	46.24	257
12650	43.93	8.76	44.79	259	13650	40.54	7.46	41.61	259	14650	45.70	10.30	46.85	257
12675	44.67	7.99	45.38	260	13675	41.28	8.55	42.16	258	14675	46.20	10.35	47.34	257
12700	44.70	8.29	45.46	259	13700	42.10	8.45	42.94	258	14700	46.47	9.52	47.43	258
12725	44.66	9.37	45.64	258	13725	42.60	7.98	43.34	259	14725	46.51	8.78	47.33	259
12750	45.41	9.49	46.39	258	13750	43.36	6.83	43.90	261	14750	46.54	8.79	47.36	259
12775	45.81	9.44	46.77	258	13775	43.72	6.67	44.23	261	14775	46.50	8.14	47.20	260
12800	46.11	9.23	47.02	258	13800	43.97	6.57	44.46	261	14800	45.77	8.28	46.51	260
12825	46.20	9.45	47.15	258	13825	44.22	6.94	44.76	261	14825	45.69	8.19	46.41	260
12850	46.27	9.27	47.19	258	13850	44.75	6.34	45.20	262	14850	45.84	7.89	46.52	260
12875	46.27	9.33	47.20	258	13875	45.30	5.91	45.69	262	14875	46.00	7.59	46.62	260
12900	46.15	9.73	47.17	258	13900	45.32	6.14	45.74	262	14900	45.76	6.68	46.25	262
12925	46.51	8.88	47.35	259	13925	45.34	6.36	45.79	262	14925	45.54	5.97	45.93	262
12950	46.63	9.03	47.49	259	13950	45.59	5.82	45.96	263	14950	45.29	5.75	45.66	263
12975	46.95	7.67	47.58	261	13975	45.76	5.77	46.13	263	14975	45.01	5.37	45.33	263
13000	46.99	7.34	47.56	261	14000	45.61	6.33	46.04	262	15000	44.49	5.26	44.80	263
13025	47.03	7.01	47.55	261	14025	45.28	6.20	45.71	262	15025	44.52	4.88	44.78	264
13050	46.97	6.59	47.43	262	14050	45.67	6.01	46.06	262	15050	44.93	4.67	45.17	264
13075	47.09	5.37	47.39	263	14075	45.84	5.42	46.16	263	15075	45.14	5.16	45.43	263
13100	46.66	5.47	46.98	263	14100	45.52	5.15	45.81	263	15100	45.00	5.06	45.28	263
13125	46.81	5.45	47.13	263	14125	45.37	5.31	45.68	263	15125	44.95	4.59	45.18	264
13150	46.91	5.12	47.18	264	14150	45.25	5.26	45.55	263	15150	45.02	5.18	45.32	263
13175	46.19	6.14	46.60	262	14175	44.72	5.60	45.07	263	15175	45.08	5.63	45.43	263
13200	46.46	5.11	46.74	264	14200	44.37	5.58	44.72	263	15200	45.27	5.36	45.59	263
13225	46.50	3.81	46.65	265	14225	44.47	6.07	44.88	262	15225	44.90	4.85	45.16	264
13250	46.07	4.53	46.29	264	14250	44.32	5.92	44.71	262	15250	44.02	4.52	44.26	264

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1817 03/21/65, 2338Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15275	43.65	4.41	43.87	264	16275	36.51	3.76	36.70	264	17275	39.25	4.12	39.46	264
15300	43.51	4.02	43.70	265	16300	36.26	3.76	36.45	264	17300	39.14	4.19	39.36	264
15325	43.37	3.63	43.52	265	16325	36.01	3.77	36.20	264	17325	39.03	4.25	39.26	264
15350	42.08	3.45	42.22	265	16350	35.74	4.63	36.04	262	17350	38.92	4.31	39.16	263
15375	40.84	4.10	41.05	264	16375	35.46	4.85	35.79	262	17375	38.34	3.46	38.49	265
15400	40.91	3.75	41.08	265	16400	35.49	5.56	35.92	261	17400	37.59	2.56	37.68	266
15425	41.28	4.44	41.52	264	16425	35.70	4.62	36.00	262	17425	37.05	3.76	37.24	264
15450	41.35	4.28	41.57	264	16450	35.47	5.11	35.84	262	17450	36.92	4.08	37.14	263
15475	41.32	5.11	41.63	263	16475	35.44	5.61	35.88	261	17475	36.79	4.39	37.05	263
15500	41.18	5.65	41.57	262	16500	35.40	6.12	35.93	260	17500	36.85	5.11	37.20	262
15525	41.08	5.37	41.43	262	16525	35.67	6.31	36.22	260	17525	36.48	5.40	36.88	261
15550	41.24	5.90	41.66	262	16550	35.75	6.54	36.34	259	17550	36.32	5.44	36.73	261
15575	41.56	5.66	41.95	262	16575	35.83	6.76	36.46	259	17575	36.16	5.48	36.57	261
15600	42.18	5.46	42.53	262	16600	35.19	9.42	36.42	255	17600	36.00	5.52	36.42	261
15625	42.25	5.27	42.57	263	16625	35.21	9.28	36.41	255	17625	35.84	5.56	36.27	261
15650	41.58	6.00	42.01	262	16650	35.24	9.15	36.41	255	17650	35.68	5.61	36.11	261
15675	40.94	6.89	41.51	260	16675	35.41	8.46	36.41	256	17675	33.70	7.30	34.48	258
15700	40.83	5.69	41.23	262	16700	34.85	8.49	35.87	256	17700	31.73	9.00	32.98	254
15725	40.56	5.17	40.89	263	16725	34.48	8.75	35.58	256	17725	31.57	9.29	32.91	253
15750	40.57	6.30	41.05	261	16750	35.51	9.41	36.74	255	17750	31.41	9.58	32.84	253
15775	40.54	6.51	41.06	261	16775	35.72	9.45	36.95	255	17775	31.25	9.87	32.77	252
15800	40.52	6.72	41.07	260	16800	35.92	9.49	37.16	255	17800	31.09	10.17	32.71	252
15825	40.47	6.64	41.01	260	16825	36.13	9.54	37.36	255	17825	30.93	10.46	32.65	251
15850	40.43	6.57	40.96	261	16850	36.33	9.58	37.57	255	17850	29.67	13.39	32.55	246
15875	40.58	4.77	40.86	263	16875	37.37	10.22	38.74	255	17875	29.41	14.06	32.60	244
15900	40.86	3.62	41.02	265	16900	38.41	10.85	39.92	254	17900	29.07	15.26	32.83	242
15925	40.81	3.90	41.00	264	16925	38.93	11.11	40.49	254	17925	29.04	15.32	32.83	242
15950	40.77	4.18	40.98	264	16950	39.45	11.38	41.06	254	17950	29.24	15.13	32.92	242
15975	40.50	3.86	40.68	264	16975	41.42	9.37	42.47	257	17975	29.44	14.94	33.02	243
16000	39.78	3.30	39.91	265	17000	41.80	8.75	42.71	258	18000	29.64	14.76	33.11	243
16025	39.27	4.68	39.55	263	17025	42.17	8.14	42.95	259	18025	29.84	14.57	33.20	244
16050	39.58	5.04	39.90	263	17050	42.59	7.50	43.64	260					
16075	39.37	4.72	39.65	263	17075	43.07	4.78	43.34	263					
16100	39.00	4.89	39.31	263	17100	43.17	3.02	43.28	266					
16125	39.59	5.81	40.02	261	17125	42.82	3.77	42.99	265					
16150	39.19	5.62	39.59	262	17150	42.48	4.52	42.72	264					
16175	38.68	5.82	39.12	261	17175	41.51	4.36	41.74	264					
16200	38.17	6.02	38.65	261	17200	41.24	3.12	41.35	265					
16225	37.40	6.32	37.93	260	17225	40.75	2.53	40.83	266					
16250	37.26	4.77	37.56	263	17250	39.36	4.06	39.56	264					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-59

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1989 03/23/65, 0012Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6100	20.52	-9.29	22.53	294	7100	27.18	-8.64	28.52	287	8100	36.42	-8.96	37.51	284
6125	20.73	-8.71	22.49	293	7125	27.40	-8.65	28.73	287	8125	36.50	-9.13	37.63	284
6150	21.07	-8.14	22.58	291	7150	27.41	-8.64	28.74	287	8150	36.75	-9.29	37.90	284
6175	20.97	-7.50	22.27	290	7175	27.39	-8.69	28.73	287	8175	37.00	-9.16	38.12	284
6200	20.96	-6.92	22.07	288	7200	27.39	-8.71	28.74	287	8200	37.32	-8.85	38.35	283
6225	20.91	-6.65	21.94	287	7225	27.24	-8.68	28.60	288	8225	37.52	-8.68	38.51	283
6250	20.67	-6.58	21.69	287	7250	27.17	-8.73	28.54	288	8250	37.51	-8.75	38.52	283
6275	20.56	-6.56	21.58	288	7275	27.09	-8.75	28.47	288	8275	37.65	-8.86	38.68	283
6300	20.49	-6.66	21.54	288	7300	27.31	-8.71	28.66	288	8300	38.05	-8.57	39.00	283
6325	20.47	-6.66	21.53	288	7325	27.60	-8.72	28.94	287	8325	38.15	-8.72	39.13	283
6350	20.41	-6.55	21.43	288	7350	27.74	-8.85	29.12	288	8350	38.10	-8.92	39.13	283
6375	20.35	-6.61	21.40	288	7375	27.89	-9.07	29.33	288	8375	38.15	-8.87	39.17	283
6400	20.60	-6.68	21.66	288	7400	28.09	-9.32	29.60	288	8400	38.10	-9.05	39.16	283
6425	20.85	-6.71	21.90	288	7425	28.26	-9.61	29.85	289	8425	38.12	-9.11	39.20	283
6450	20.99	-6.87	22.09	288	7450	28.54	-9.79	30.17	289	8450	38.06	-9.33	39.19	284
6475	21.19	-7.14	22.36	288	7475	28.99	-9.79	30.60	288	8475	37.93	-9.58	39.12	284
6500	21.44	-7.27	22.64	289	7500	29.24	-9.79	30.83	288	8500	38.06	-9.71	39.28	284
6525	21.57	-7.41	22.80	289	7525	29.75	-9.76	31.31	288	8525	38.23	-10.05	39.53	285
6550	21.59	-7.75	22.94	290	7550	30.44	-9.76	31.96	288	8550	38.21	-10.31	39.58	285
6575	21.63	-8.13	23.11	290	7575	30.71	-9.71	32.21	287	8575	38.10	-10.34	39.47	285
6600	21.62	-8.53	23.25	291	7600	30.83	-9.64	32.30	287	8600	37.95	-10.48	39.37	285
6625	21.67	-8.88	23.42	292	7625	31.12	-9.46	32.53	287	8625	37.94	-10.40	39.34	285
6650	21.83	-9.09	23.64	292	7650	31.56	-9.04	32.83	286	8650	37.86	-10.15	39.20	285
6675	22.17	-9.23	24.02	292	7675	31.88	-8.88	33.09	285	8675	37.69	-10.30	39.07	285
6700	22.67	-9.27	24.49	292	7700	32.34	-9.20	33.62	286	8700	37.55	-10.51	38.99	285
6725	23.25	-9.08	24.96	291	7725	32.79	-9.34	34.09	286	8725	37.62	-10.70	39.11	286
6750	23.98	-8.62	25.48	290	7750	33.12	-9.28	34.40	285	8750	37.71	-10.98	39.28	286
6775	24.47	-8.09	25.77	288	7775	33.67	-8.98	34.85	285	8775	37.59	-10.98	39.16	286
6800	24.63	-7.92	25.87	288	7800	34.33	-8.56	35.38	284	8800	37.67	-10.93	39.22	286
6825	24.87	-8.08	26.15	288	7825	35.05	-8.27	36.01	283	8825	37.63	-10.78	39.14	286
6850	25.11	-8.22	26.42	288	7850	35.47	-7.82	36.33	282	8850	37.59	-10.53	39.04	285
6875	25.45	-8.17	26.73	288	7875	35.70	-7.86	36.55	282	8875	37.72	-10.39	39.13	285
6900	25.84	-8.22	27.12	287	7900	35.98	-8.04	36.87	282	8900	37.82	-10.36	39.21	285
6925	26.07	-8.36	27.38	288	7925	35.83	-8.57	36.84	283	8925	37.81	-10.35	39.20	285
6950	26.37	-8.45	27.69	288	7950	35.86	-8.97	36.97	284	8950	37.72	-10.44	39.13	285
6975	26.55	-8.53	27.88	288	7975	36.22	-9.08	37.34	284	8975	37.45	-10.66	38.93	286
7000	26.58	-8.44	27.89	287	8000	36.30	-9.21	37.45	284	9000	36.99	-11.07	38.61	286
7025	26.68	-8.31	27.94	287	8025	36.23	-8.95	37.32	284	9025	36.56	-11.39	38.29	287
7050	26.79	-8.35	28.06	287	8050	36.38	-8.87	37.44	284	9050	36.17	-11.57	37.97	288
7075	26.95	-8.51	28.27	287	8075	36.52	-8.90	37.59	284	9075	36.05	-11.75	37.92	288

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1989 03/23/65, 0012Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9100	36.06	-11.89	37.97	288	10100	40.31	-14.55	42.86	290	11100	40.67	-19.41	45.06	295
9125	36.15	-11.86	38.04	288	10125	40.51	-14.47	43.02	289	11125	40.88	-19.60	45.34	295
9150	36.27	-11.65	38.10	288	10150	40.61	-14.45	43.10	289	11150	41.06	-20.03	45.68	296
9175	36.20	-11.56	38.00	288	10175	40.70	-14.48	43.19	289	11175	41.30	-20.04	45.90	296
9200	36.17	-11.55	37.97	288	10200	40.59	-14.72	43.18	290	11200	41.65	-19.97	46.19	295
9225	36.18	-11.63	38.01	288	10225	40.54	-14.81	43.16	290	11225	42.10	-20.11	46.66	295
9250	36.12	-11.65	37.95	288	10250	40.27	-15.02	42.98	290	11250	42.52	-20.26	47.10	295
9275	36.05	-11.44	37.82	287	10275	39.69	-15.17	42.49	291	11275	42.93	-20.43	47.55	295
9300	35.84	-11.40	37.61	287	10300	39.61	-15.14	42.40	291	11300	43.19	-20.37	47.75	295
9325	35.48	-11.42	37.28	288	10325	39.64	-15.24	42.47	291	11325	43.62	-19.87	47.94	294
9350	35.47	-11.40	37.26	288	10350	39.45	-15.52	42.39	291	11350	43.92	-19.91	48.22	294
9375	35.49	-11.70	37.37	288	10375	39.22	-16.00	42.36	292	11375	44.16	-20.14	48.54	294
9400	35.50	-12.16	37.52	289	10400	38.62	-16.25	41.90	293	11400	44.60	-19.90	48.84	294
9425	35.67	-12.51	37.80	289	10425	37.78	-16.78	41.34	294	11425	44.77	-20.01	49.03	294
9450	35.99	-12.60	38.13	289	10450	37.60	-17.57	41.51	295	11450	45.09	-20.19	49.40	294
9475	36.26	-12.52	38.36	289	10475	38.55	-17.91	42.51	295	11475	45.54	-20.14	49.79	294
9500	36.37	-12.43	38.43	289	10500	39.08	-18.68	43.31	295	11500	45.86	-20.13	50.08	294
9525	36.34	-12.51	38.44	289	10525	39.11	-19.70	43.79	297	11525	45.94	-20.18	50.18	294
9550	36.31	-12.79	38.49	289	10550	39.00	-20.32	43.97	297	11550	46.52	-19.73	50.53	293
9575	36.49	-12.55	38.59	289	10575	38.46	-20.67	43.66	298	11575	46.75	-19.71	50.73	293
9600	36.74	-12.61	38.84	289	10600	38.05	-20.82	43.37	299	11600	46.59	-19.50	50.51	293
9625	37.13	-13.04	39.36	289	10625	38.12	-21.55	43.79	299	11625	46.84	-19.27	50.65	292
9650	37.80	-13.66	40.19	290	10650	38.24	-21.94	44.09	300	11650	46.91	-19.22	50.69	292
9675	38.35	-14.33	40.94	290	10675	38.26	-21.87	44.07	300	11675	46.94	-19.18	50.71	292
9700	38.47	-14.51	41.11	290	10700	38.23	-21.89	44.05	300	11700	47.11	-19.24	50.89	292
9725	38.46	-14.99	41.28	291	10725	38.26	-21.68	43.97	299	11725	47.32	-19.88	51.33	293
9750	38.42	-15.26	41.33	291	10750	38.14	-21.11	43.59	299	11750	47.42	-20.05	51.49	293
9775	38.34	-15.28	41.28	292	10775	37.97	-20.58	43.19	298	11775	47.53	-19.01	51.19	292
9800	38.44	-15.32	41.38	292	10800	37.81	-20.12	42.83	298	11800	47.09	-19.68	51.04	293
9825	38.80	-15.48	41.77	292	10825	38.01	-19.65	42.79	297	11825	47.10	-20.27	51.28	293
9850	38.94	-15.39	41.87	291	10850	38.17	-19.33	42.79	297	11850	47.62	-19.66	51.51	292
9875	38.95	-15.04	41.75	291	10875	38.21	-19.06	42.70	296	11875	47.99	-19.34	51.74	292
9900	39.26	-14.98	42.02	291	10900	38.41	-19.06	42.88	296	11900	48.24	-19.19	51.92	292
9925	39.62	-15.22	42.44	291	10925	38.61	-18.75	42.92	296	11925	48.69	-19.08	52.29	291
9950	39.82	-15.15	42.60	291	10950	39.15	-18.37	43.25	295	11950	49.10	-19.01	52.65	291
9975	39.89	-14.63	42.49	290	10975	39.25	-18.71	43.48	295	11975	49.20	-18.94	52.72	291
10000	39.80	-14.70	42.43	290	11000	38.78	-18.92	43.15	296	12000	49.08	-18.54	52.47	291
10025	39.99	-14.78	42.63	290	11025	38.80	-18.71	43.08	296	12025	48.87	-18.37	52.21	290
10050	40.26	-14.60	42.83	290	11050	39.47	-18.69	43.67	295	12050	49.27	-18.58	52.66	290
10075	40.18	-14.63	42.77	290	11075	40.20	-19.04	44.48	295	12075	49.51	-18.88	52.99	291

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-59 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1989 03/23/65, 0012Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12100	49.72	-19.08	53.25	291	13100	54.30	-20.49	58.04	290	14100	42.60	-9.02	43.55	282
12125	49.90	-19.09	53.43	291	13125	54.17	-20.34	57.86	290	14125	43.24	-8.32	44.03	281
12150	49.90	-19.16	53.45	291	13150	54.06	-20.40	57.79	290	14150	43.61	-8.79	44.48	281
12175	49.85	-19.46	53.51	291	13175	53.90	-20.41	57.64	291	14175	43.90	-8.81	44.77	281
12200	49.65	-19.56	53.36	291	13200	53.47	-21.09	57.48	291	14200	44.26	-7.11	44.83	279
12225	49.72	-19.14	53.28	291	13225	53.32	-21.15	57.36	291	14225	44.78	-7.77	45.45	280
12250	50.08	-19.03	53.57	291	13250	53.76	-21.15	57.77	291	14250	44.39	-9.14	45.32	281
12275	50.06	-18.79	53.47	290	13275	53.62	-21.32	57.70	292	14275	45.43	-8.18	46.16	280
12300	49.64	-18.93	53.13	291	13300	53.29	-21.02	57.28	291	14300	46.09	-8.48	46.86	280
12325	49.45	-19.17	53.04	291	13325	53.03	-21.84	57.35	292	14325	45.73	-8.58	46.52	280
12350	49.81	-19.08	53.34	291	13350	52.71	-21.89	57.07	292	14350	45.29	-8.63	46.11	281
12375	49.79	-18.77	53.21	290	13375	52.45	-22.01	56.88	293	14375	45.26	-8.48	46.05	280
12400	49.69	-19.15	53.25	291	13400	52.05	-22.48	56.70	293	14400	45.89	-7.16	46.45	279
12425	50.01	-19.67	53.74	291	13425	52.54	-23.05	57.37	294	14425	45.71	-7.10	46.26	279
12450	50.08	-19.41	53.71	291	13450	53.00	-22.53	57.59	293	14450	45.63	-7.06	46.17	279
12475	49.79	-19.52	53.48	291	13475	53.00	-21.97	57.37	292	14475	45.83	-7.03	46.37	279
12500	49.95	-19.89	53.77	292	13500	53.33	-22.37	57.83	293	14500	45.50	-8.46	46.28	280
12525	50.29	-19.74	54.03	291	13525	53.73	-21.66	57.93	292	14525	45.21	-9.07	46.11	281
12550	50.03	-19.65	53.76	291	13550	53.61	-21.54	57.78	292	14550	45.63	-7.33	46.21	279
12575	50.00	-20.00	53.85	292	13575	52.41	-21.87	56.79	292	14575	45.58	-7.70	46.22	279
12600	50.54	-19.97	54.35	291	13600	50.76	-22.09	55.36	293	14600	45.06	-8.82	45.91	281
12625	51.26	-20.07	55.05	291	13625	49.32	-22.34	54.15	294	14625	44.82	-8.79	45.67	281
12650	51.64	-20.64	55.61	292	13650	48.08	-22.71	53.17	295	14650	44.96	-8.12	45.68	280
12675	52.19	-20.91	56.22	292	13675	47.11	-23.01	52.43	296	14675	44.56	-8.80	45.42	281
12700	53.29	-20.55	57.11	291	13700	46.27	-21.40	50.98	295	14700	44.40	-8.66	45.24	281
12725	53.94	-20.58	57.73	291	13725	46.17	-20.09	50.35	293	14725	44.62	-8.23	45.37	280
12750	54.14	-20.60	57.93	291	13750	45.84	-20.87	50.37	294	14750	44.85	-8.35	45.63	280
12775	54.06	-20.54	57.83	291	13775	44.71	-20.53	49.20	294	14775	45.06	-7.86	45.74	280
12800	53.94	-20.43	57.68	291	13800	44.04	-19.91	48.33	294	14800	44.69	-8.67	45.52	281
12825	54.11	-20.36	57.81	290	13825	43.51	-19.54	47.69	294	14825	44.95	-8.03	45.66	280
12850	54.12	-20.56	57.89	291	13850	43.46	-19.09	47.47	294	14850	45.12	-7.21	45.70	279
12875	54.07	-21.04	58.01	291	13875	43.69	-18.70	47.52	293	14875	45.10	-7.34	45.69	279
12900	54.21	-20.54	57.97	291	13900	43.67	-18.24	47.33	292	14900	45.07	-6.77	45.57	278
12925	54.16	-20.52	57.91	291	13925	43.07	-16.95	46.29	291	14925	44.93	-6.77	45.43	278
12950	53.93	-20.66	57.76	291	13950	42.24	-15.46	44.98	290	14950	44.79	-6.76	45.29	278
12975	54.09	-20.38	57.80	290	13975	41.78	-14.57	44.25	289	14975	44.83	-6.44	45.29	278
13000	54.11	-20.49	57.86	291	14000	42.33	-12.93	44.26	287	15000	44.92	-5.69	45.28	277
13025	54.25	-20.67	58.06	291	14025	42.63	-11.36	44.12	285	15025	44.01	-6.76	44.53	279
13050	54.54	-20.64	58.32	291	14050	42.27	-10.87	43.64	284	15050	43.52	-8.03	44.25	280
13075	54.44	-20.41	58.14	290	14075	42.22	-10.77	43.57	284	15075	43.46	-7.99	44.19	280

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1989 03/23/65, 0012Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15100	42.80	-9.16	43.77	282										
15125	43.19	-7.83	43.90	280										
15150	43.53	-7.04	44.10	279										
15175	42.93	-6.88	43.48	279										
15200	42.96	-6.23	43.41	278										
15225	43.26	-6.19	43.70	278										
15250	43.48	-5.25	43.79	277										
15275	43.49	-5.12	43.79	277										
15300	43.73	-4.56	43.97	276										
15325	43.72	-3.99	43.90	275										
15350	43.36	-4.22	43.57	275										
15375	43.16	-3.85	43.33	275										
15400	42.71	-3.43	42.85	274										
15425	42.35	-3.80	42.52	275										
15450	42.44	-3.23	42.57	274										
15475	42.08	-3.83	42.26	275										
15500	42.07	-3.94	42.26	275										
15525	42.22	-3.09	42.33	274										
15550	41.76	-3.82	41.93	275										
15575	41.69	-3.56	41.85	275										
15600	41.51	-3.15	41.63	274										
15625	40.71	-2.93	40.82	274										
15650	40.60	-3.74	40.78	275										
15675	40.48	-4.71	40.75	276										
15700	40.73	-2.62	40.82	273										
15725	40.76	-2.36	40.83	273										
15750	41.00	-1.60	41.03	272										
15775	40.77	-1.33	40.79	272										
15800	40.05	-2.46	40.12	273										
15825	40.31	-1.39	40.33	272										
15850	40.14	-1.71	40.17	272										
15875	40.07	-2.36	40.14	273										
15900	40.70	-1.19	40.72	271										
15925	40.74	-1.15	40.76	271										
15950	40.94	-1.24	40.96	272										
15975	41.18	-0.43	41.19	270										
16000	40.48	-1.08	40.49	271										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-60

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1988 03/23/65, 0800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	-9.84	7.80	12.56	128	1175	-2.39	7.73	8.10	163	2175	9.21	0.55	9.23	266
200	-8.64	7.66	11.55	131	1200	-2.06	7.25	7.53	164	2200	9.26	0.55	9.28	266
225	-7.82	7.66	10.95	134	1225	-1.68	7.28	7.47	167	2225	9.34	0.34	9.35	268
250	-7.92	7.77	11.10	134	1250	-1.23	7.67	7.77	171	2250	9.35	0.26	9.35	268
275	-8.56	8.01	11.72	133	1275	-0.88	8.14	8.19	174	2275	9.18	0.21	9.18	269
300	-9.64	8.27	12.70	130	1300	-0.69	8.62	8.65	175	2300	9.00	0.10	9.01	269
325	-10.56	8.38	13.48	128	1325	-0.45	9.17	9.18	177	2325	8.93	-0.16	8.94	271
350	-10.41	8.46	13.41	129	1350	-0.29	9.34	9.35	178	2350	8.98	-0.53	9.00	273
375	-9.60	8.46	12.80	131	1375	-0.26	8.80	8.81	178	2375	9.14	-1.06	9.20	276
400	-8.87	8.53	12.31	134	1400	-0.37	8.24	8.25	177	2400	9.26	-1.60	9.40	280
425	-8.38	8.72	12.09	136	1425	-0.40	7.95	7.96	177	2425	9.33	-1.86	9.51	281
450	-8.14	8.85	12.03	137	1450	-0.14	8.05	8.05	179	2450	9.50	-1.93	9.69	281
475	-7.89	9.01	11.98	139	1475	0.25	8.35	8.35	182	2475	9.82	-1.97	10.02	281
500	-7.73	9.19	12.01	140	1500	0.68	8.42	8.44	183	2500	10.11	-2.17	10.34	282
525	-7.60	9.34	12.04	141	1525	0.68	8.31	8.34	185	2525	10.28	-2.36	10.55	283
550	-7.53	9.39	12.03	141	1550	1.07	8.12	8.19	187	2550	10.38	-2.43	10.66	283
575	-7.51	9.41	12.04	141	1575	1.58	7.78	7.94	191	2575	10.48	-2.42	10.75	283
600	-7.42	9.47	12.03	142	1600	2.09	7.43	7.72	196	2600	10.69	-2.27	10.93	282
625	-7.27	9.45	11.93	142	1625	2.62	7.25	7.71	200	2625	10.98	-2.00	11.16	280
650	-7.15	9.37	11.78	142	1650	3.11	7.06	7.71	204	2650	11.18	-1.66	11.31	278
675	-7.14	9.34	11.75	142	1675	3.53	6.77	7.63	207	2675	11.32	-1.30	11.40	276
700	-7.04	9.24	11.61	142	1700	3.78	6.42	7.45	210	2700	11.33	-1.13	11.38	276
725	-6.85	8.96	11.28	142	1725	3.99	5.97	7.18	214	2725	11.27	-1.05	11.32	275
750	-6.64	8.83	11.05	143	1750	4.25	5.54	6.98	217	2750	11.36	-0.90	11.40	274
775	-6.30	8.86	10.87	144	1775	4.49	5.07	6.77	221	2775	11.60	-0.80	11.62	274
800	-5.82	9.05	10.76	147	1800	4.79	4.64	6.67	226	2800	12.06	-1.10	12.11	275
825	-5.47	9.19	10.69	149	1825	5.20	4.11	6.63	232	2825	12.63	-1.74	12.75	278
850	-5.23	9.45	10.80	151	1850	5.60	3.31	6.50	239	2850	12.86	-2.14	13.04	279
875	-4.95	9.93	11.10	153	1875	5.72	2.68	6.32	245	2875	13.06	-2.11	13.23	279
900	-4.81	10.10	11.18	154	1900	5.72	2.50	6.25	246	2900	13.23	-2.01	13.39	278
925	-5.00	10.00	11.18	153	1925	5.91	2.47	6.41	247	2925	13.29	-2.11	13.46	279
950	-5.10	9.47	10.76	151	1950	6.34	2.14	6.69	251	2950	13.44	-2.23	13.62	279
975	-5.16	8.67	10.09	149	1975	6.83	1.77	7.06	255	2975	13.45	-2.44	13.67	280
1000	-4.95	8.16	9.55	149	2000	7.44	1.40	7.57	259	3000	13.55	-2.73	13.83	281
1025	-4.34	7.90	9.01	151	2025	7.99	1.01	8.05	263	3025	14.13	-3.02	14.45	282
1050	-3.83	8.01	8.88	154	2050	8.23	1.06	8.30	262	3050	14.85	-3.23	15.19	282
1075	-3.33	8.39	9.02	158	2075	8.47	1.18	8.55	262	3075	15.25	-3.41	15.63	282
1100	-2.80	8.58	9.02	162	2100	8.70	1.01	8.76	263	3100	15.56	-3.63	15.98	283
1125	-2.53	8.58	8.95	163	2125	8.86	0.64	8.89	266	3125	15.89	-3.75	16.33	283
1150	-2.50	8.27	8.64	163	2150	9.06	0.41	9.07	267	3150	16.13	-3.81	16.58	283

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1988 03/23/65, 0800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	16.35	-3.93	16.82	283	4175	12.00	-0.54	12.01	272	5175	17.18	-2.31	17.33	277
3200	16.49	-4.01	16.97	283	4200	12.07	-0.55	12.08	272	5200	17.24	-2.10	17.37	277
3225	16.63	-3.96	17.10	283	4225	11.88	-0.53	11.89	272	5225	17.22	-2.06	17.34	277
3250	16.79	-3.90	17.23	283	4250	11.71	-0.56	11.72	273	5250	17.40	-2.13	17.53	277
3275	16.72	-3.82	17.16	283	4275	11.68	-0.62	11.70	273	5275	17.64	-2.38	17.80	277
3300	16.36	-3.67	16.77	282	4300	11.61	-0.86	11.65	274	5300	17.66	-2.81	17.89	279
3325	15.74	-3.28	16.08	282	4325	11.24	-1.33	11.32	277	5325	17.47	-3.42	17.80	281
3350	15.22	-2.72	15.46	280	4350	10.89	-1.38	10.98	277	5350	17.48	-4.26	17.99	284
3375	14.81	-2.30	14.98	279	4375	10.94	-0.93	10.98	275	5375	17.45	-5.26	18.22	287
3400	14.04	-1.91	14.17	278	4400	10.98	-0.55	11.00	273	5400	17.10	-6.15	18.17	290
3425	13.12	-1.48	13.20	276	4425	11.03	-0.21	11.03	271	5425	16.82	-6.94	18.20	292
3450	12.54	-0.95	12.57	274	4450	11.03	0.06	11.03	270	5450	16.87	-7.50	18.46	294
3475	12.27	-0.54	12.28	272	4475	11.16	0.25	11.17	269	5475	16.70	-8.01	18.52	295
3500	12.05	-0.49	12.06	272	4500	11.33	0.37	11.34	268	5500	16.26	-8.42	18.31	297
3525	11.86	-0.46	11.87	272	4525	11.51	0.19	11.51	269	5525	15.88	-8.59	18.06	298
3550	11.79	-0.44	11.80	272	4550	11.72	-0.20	11.72	271	5550	15.81	-8.49	17.94	298
3575	11.87	-0.44	11.88	272	4575	11.84	-0.65	11.86	273	5575	16.11	-8.28	18.11	297
3600	12.17	-0.44	12.18	272	4600	12.16	-1.35	12.24	276	5600	16.56	-7.91	18.35	295
3625	12.41	-0.58	12.43	273	4625	12.89	-1.69	13.00	277	5625	16.87	-7.56	18.49	294
3650	12.41	-0.77	12.43	273	4650	13.31	-1.56	13.40	277	5650	17.49	-7.26	18.93	292
3675	12.31	-0.86	12.34	274	4675	13.20	-1.53	13.28	276	5675	18.06	-7.06	19.40	291
3700	12.29	-0.78	12.31	273	4700	13.04	-1.63	13.15	277	5700	18.12	-7.23	19.51	292
3725	12.30	-0.71	12.32	273	4725	12.88	-1.82	13.01	278	5725	18.24	-7.23	19.62	291
3750	12.12	-0.66	12.14	273	4750	13.11	-1.90	13.24	278	5750	18.39	-7.01	19.68	291
3775	11.94	-0.53	11.95	272	4775	13.53	-1.69	13.64	277	5775	18.22	-7.07	19.54	291
3800	11.78	-0.52	11.79	272	4800	13.83	-1.52	13.91	276	5800	18.08	-7.45	19.56	292
3825	11.70	-0.56	11.71	273	4825	13.99	-1.30	14.05	275	5825	18.28	-7.75	19.85	293
3850	11.83	-0.55	11.84	273	4850	14.06	-1.05	14.10	274	5850	18.59	-7.99	20.23	293
3875	11.85	-0.60	11.86	273	4875	14.09	-0.95	14.12	274	5875	18.65	-8.35	20.44	294
3900	11.67	-0.55	11.69	273	4900	14.21	-0.82	14.23	273	5900	18.51	-8.75	20.47	295
3925	11.53	-0.37	11.54	272	4925	14.44	-0.72	14.46	273	5925	18.55	-9.04	20.64	296
3950	11.57	-0.35	11.58	272	4950	14.61	-0.64	14.62	272	5950	18.66	-9.48	20.93	297
3975	11.74	-0.44	11.75	272	4975	14.94	-0.73	14.95	273	5975	19.10	-9.65	21.40	297
4000	11.76	-0.52	11.77	272	5000	15.43	-1.04	15.47	274	6000	19.72	-9.43	21.86	295
4025	11.38	-0.64	11.40	273	5025	15.67	-1.48	15.74	275	6025	20.27	-9.26	22.29	294
4050	11.39	-0.74	11.42	274	5050	15.74	-1.77	15.84	276	6050	20.70	-9.30	22.69	294
4075	11.72	-0.77	11.75	274	5075	15.98	-1.96	16.09	277	6075	20.82	-9.58	22.92	295
4100	11.70	-0.75	11.72	273	5100	16.56	-2.28	16.72	278	6100	20.99	-10.01	23.26	295
4125	11.75	-0.73	11.77	273	5125	17.05	-2.53	17.24	278	6125	20.88	-10.49	23.37	296
4150	11.89	-0.58	11.90	273	5150	17.08	-2.56	17.27	278	6150	20.87	-10.43	23.34	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-60 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1988 03/23/65, 0800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	21.36	-9.95	23.56	295	7175	25.45	-12.47	28.34	296	8175	39.39	-6.98	40.00	280
6200	21.72	-9.48	23.70	293	7200	25.84	-12.54	28.72	296	8200	39.81	-6.62	40.35	279
6225	22.09	-9.07	23.88	292	7225	26.07	-12.40	28.87	295	8225	40.06	-6.91	40.65	280
6250	22.20	-8.77	23.87	291	7250	26.03	-12.23	28.76	295	8250	40.00	-6.94	40.60	280
6275	22.03	-8.63	23.66	291	7275	26.13	-12.15	28.82	295	8275	39.83	-6.80	40.41	280
6300	21.96	-8.68	23.61	291	7300	26.18	-12.15	28.86	295	8300	39.96	-6.89	40.55	280
6325	21.76	-8.74	23.45	292	7325	26.28	-12.06	28.92	294	8325	40.16	-7.16	40.80	280
6350	21.58	-8.77	23.29	292	7350	26.40	-12.13	29.06	294	8350	40.21	-7.22	40.86	280
6375	21.49	-8.87	23.25	292	7375	26.58	-12.16	29.23	294	8375	40.05	-7.01	40.65	280
6400	21.19	-9.05	23.04	293	7400	26.88	-11.96	29.42	294	8400	39.80	-6.78	40.38	279
6425	21.00	-9.28	22.96	294	7425	27.16	-11.93	29.66	294	8425	39.69	-6.74	40.26	279
6450	20.88	-9.50	22.94	294	7450	27.49	-12.08	30.02	294	8450	39.79	-6.68	40.34	279
6475	20.76	-9.66	22.90	295	7475	27.76	-12.35	30.39	294	8475	39.86	-6.58	40.40	279
6500	20.83	-9.86	23.04	295	7500	27.99	-12.67	30.72	294	8500	39.94	-6.58	40.48	279
6525	20.96	-10.09	23.26	296	7525	28.14	-12.86	30.94	294	8525	40.08	-6.68	40.63	279
6550	20.99	-10.26	23.36	296	7550	28.32	-12.86	31.10	294	8550	40.33	-6.64	40.87	279
6575	21.11	-10.56	23.60	296	7575	28.39	-12.89	31.18	294	8575	40.72	-6.36	41.21	279
6600	21.61	-10.90	24.20	297	7600	28.49	-13.02	31.32	294	8600	41.04	-6.30	41.52	279
6625	21.95	-11.17	24.63	297	7625	28.55	-13.09	31.41	294	8625	41.29	-6.27	41.76	278
6650	22.24	-11.31	24.95	297	7650	28.96	-13.17	31.81	294	8650	41.70	-6.03	42.13	278
6675	22.50	-11.33	25.19	297	7675	29.41	-13.16	32.22	294	8675	41.90	-5.98	42.32	278
6700	22.50	-11.30	25.18	296	7700	29.80	-12.99	32.51	293	8700	41.84	-5.65	42.22	278
6725	22.56	-11.29	25.23	296	7725	30.03	-12.83	32.65	293	8725	41.97	-5.47	42.32	277
6750	22.63	-11.22	25.26	296	7750	30.21	-12.53	32.71	292	8750	42.14	-5.72	42.53	278
6775	22.64	-11.14	25.23	296	7775	30.99	-11.97	33.22	291	8775	42.47	-5.68	42.85	277
6800	22.66	-11.22	25.28	296	7800	31.63	-11.29	33.59	289	8800	42.78	-5.46	43.12	277
6825	22.64	-11.25	25.28	296	7825	31.99	-11.14	33.88	289	8825	42.79	-5.31	43.11	277
6850	22.70	-11.15	25.29	296	7850	32.32	-11.56	34.32	290	8850	42.99	-5.46	43.33	277
6875	22.83	-11.05	25.37	296	7875	32.91	-11.89	34.99	290	8875	43.19	-5.66	43.56	277
6900	22.88	-10.84	25.32	295	7900	33.40	-12.00	35.49	290	8900	43.21	-5.58	43.56	277
6925	23.06	-10.63	25.39	295	7925	33.53	-12.21	35.68	290	8925	43.16	-5.61	43.53	277
6950	23.19	-10.63	25.51	294	7950	33.95	-12.01	36.01	289	8950	43.12	-5.21	43.43	277
6975	23.23	-10.71	25.58	295	7975	34.59	-11.76	36.53	289	8975	43.22	-4.96	43.50	276
7000	23.32	-10.82	25.71	295	8000	35.27	-11.45	37.08	288	9000	43.44	-4.86	43.71	276
7025	23.48	-11.03	25.94	295	8025	35.75	-10.60	37.29	286	9025	43.59	-4.21	43.79	275
7050	23.64	-11.22	26.17	295	8050	35.86	-9.77	37.17	285	9050	43.52	-4.05	43.71	275
7075	23.64	-11.35	26.23	295	8075	36.27	-9.04	37.38	284	9075	43.42	-4.21	43.63	275
7100	23.91	-11.67	26.61	296	8100	36.85	-8.71	37.86	283	9100	43.34	-4.18	43.54	275
7125	24.46	-12.02	27.26	296	8125	37.79	-7.97	38.62	282	9125	43.31	-4.15	43.51	275
7150	24.98	-12.22	27.81	296	8150	38.76	-7.44	39.46	281	9150	43.34	-4.30	43.55	275

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1988 03/23/65, 0800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	43.20	-4.58	43.44	276	10175	40.03	-14.71	42.64	290	11175	40.84	-23.31	47.02	300
9200	43.16	-4.79	43.43	276	10200	39.91	-14.64	42.51	290	11200	40.94	-23.65	47.28	300
9225	43.19	-4.88	43.46	276	10225	39.73	-14.76	42.39	290	11225	40.82	-24.05	47.38	300
9250	43.07	-4.69	43.32	276	10250	39.44	-14.69	42.08	290	11250	40.75	-24.10	47.34	300
9275	42.90	-4.71	43.15	276	10275	39.35	-14.26	41.86	290	11275	40.86	-23.86	47.31	300
9300	42.77	-4.76	43.04	276	10300	39.14	-14.37	41.69	290	11300	40.98	-24.03	47.51	300
9325	42.74	-4.77	43.00	276	10325	39.10	-14.68	41.77	290	11325	41.23	-23.86	47.64	300
9350	42.71	-5.11	43.01	277	10350	39.35	-14.51	41.94	290	11350	41.70	-23.73	47.98	299
9375	42.80	-5.33	43.13	277	10375	39.51	-14.51	42.09	290	11375	42.04	-23.90	48.36	299
9400	42.83	-5.55	43.19	277	10400	39.52	-15.08	42.30	291	11400	42.72	-23.88	48.94	299
9425	42.89	-5.75	43.27	277	10425	39.35	-15.11	42.15	291	11425	43.08	-23.83	49.23	299
9450	42.95	-5.79	43.34	277	10450	39.30	-14.92	42.03	291	11450	43.21	-23.36	49.11	298
9475	42.95	-5.96	43.36	278	10475	39.34	-15.44	42.27	291	11475	43.74	-22.82	49.33	297
9500	42.96	-6.22	43.41	278	10500	39.20	-16.13	42.39	292	11500	44.12	-22.36	49.47	297
9525	42.84	-6.45	43.32	278	10525	39.01	-16.38	42.31	293	11525	44.61	-22.32	49.88	296
9550	42.76	-6.49	43.25	278	10550	39.06	-16.57	42.43	293	11550	45.07	-22.61	50.42	296
9575	42.54	-6.53	43.03	279	10575	39.09	-16.73	42.52	293	11575	45.63	-22.35	50.81	296
9600	42.12	-6.91	42.68	279	10600	39.09	-16.92	42.59	293	11600	45.89	-22.07	50.92	296
9625	42.05	-7.05	42.64	279	10625	39.15	-17.01	42.69	293	11625	46.14	-21.57	50.94	295
9650	41.94	-7.34	42.58	280	10650	38.90	-17.00	42.46	293	11650	46.39	-21.56	51.15	295
9675	41.67	-7.42	42.33	280	10675	39.00	-16.84	42.48	293	11675	46.35	-22.06	51.33	295
9700	41.67	-7.38	42.32	280	10700	39.44	-16.89	42.90	293	11700	47.00	-22.37	52.05	295
9725	41.74	-8.08	42.52	281	10725	39.67	-17.14	43.22	293	11725	47.47	-21.99	52.32	295
9750	41.64	-8.17	42.44	281	10750	39.53	-17.42	43.20	294	11750	47.43	-21.76	52.18	294
9775	41.28	-8.66	42.18	282	10775	39.14	-17.38	42.82	294	11775	47.51	-21.97	52.34	295
9800	41.04	-9.63	42.15	283	10800	39.36	-17.66	43.14	294	11800	47.61	-21.51	52.24	294
9825	41.12	-10.02	42.32	284	10825	39.66	-18.24	43.65	295	11825	48.12	-21.17	52.57	294
9850	41.10	-10.63	42.45	284	10850	39.57	-18.00	43.47	294	11850	48.33	-20.72	52.58	293
9875	41.17	-11.42	42.72	285	10875	39.69	-18.16	43.65	294	11875	48.24	-20.48	52.41	293
9900	41.36	-11.69	42.98	286	10900	39.84	-19.19	44.22	296	11900	48.30	-20.63	52.53	293
9925	41.10	-12.20	42.87	286	10925	39.87	-19.93	44.57	296	11925	48.54	-20.72	52.78	293
9950	40.84	-12.68	42.76	287	10950	40.13	-20.46	45.05	297	11950	48.68	-20.57	52.85	293
9975	40.39	-13.04	42.44	288	10975	40.32	-20.95	45.44	297	11975	49.16	-19.91	53.04	292
10000	40.15	-13.36	42.31	288	11000	40.42	-21.30	45.69	298	12000	49.34	-20.40	53.39	292
10025	40.65	-13.37	42.79	288	11025	40.51	-21.36	45.80	298	12025	49.23	-20.52	53.33	292
10050	40.87	-13.64	43.09	288	11050	40.40	-21.63	45.82	298	12050	49.37	-20.01	53.27	292
10075	40.59	-14.12	42.98	289	11075	40.18	-22.36	45.98	299	12075	49.27	-20.41	53.33	292
10100	40.27	-14.43	42.78	290	11100	40.16	-22.30	45.93	299	12100	48.83	-21.11	53.20	293
10125	40.22	-14.51	42.76	290	11125	40.32	-22.14	45.99	299	12125	48.72	-20.90	53.02	293
10150	40.23	-14.64	42.81	290	11150	40.55	-22.74	46.49	299	12150	48.85	-21.01	53.18	293

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-60 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1988 03/23/65, 0800Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	48.88	-21.62	53.45	294	13175	56.17	-19.96	59.61	289	14175	43.66	-11.52	45.16	285
12200	48.77	-21.48	53.29	294	13200	55.76	-19.81	59.17	289	14200	44.02	-11.76	45.56	285
12225	48.97	-20.79	53.20	293	13225	55.20	-20.01	58.71	290	14225	44.59	-10.77	45.87	283
12250	49.22	-20.23	53.21	292	13250	55.27	-20.79	59.05	290	14250	44.86	-10.55	46.08	283
12275	49.36	-20.25	53.35	292	13275	54.67	-20.64	58.43	291	14275	44.76	-10.01	45.86	282
12300	49.51	-20.95	53.76	293	13300	53.22	-20.61	57.07	291	14300	44.56	-9.62	45.59	282
12325	49.63	-21.26	53.99	293	13325	52.30	-20.55	56.19	291	14325	45.10	-9.45	46.08	282
12350	49.61	-21.24	53.96	293	13350	51.47	-20.96	55.57	292	14350	45.15	-8.68	45.98	281
12375	49.66	-20.57	53.75	292	13375	50.62	-21.15	54.86	293	14375	45.41	-7.95	46.10	280
12400	49.37	-20.46	53.44	292	13400	50.06	-20.84	54.22	292	14400	45.11	-7.48	45.73	279
12425	49.08	-20.27	53.10	292	13425	49.49	-21.62	54.01	293	14425	44.92	-7.40	45.53	279
12450	49.25	-19.94	53.13	292	13450	49.25	-21.61	53.78	294	14450	44.73	-7.32	45.33	279
12475	49.34	-20.45	53.41	292	13475	49.06	-21.83	53.70	294	14475	44.54	-7.24	45.13	279
12500	49.59	-20.29	53.58	292	13500	49.05	-22.23	53.85	294	14500	43.83	-6.19	44.26	278
12525	49.91	-20.17	53.83	292	13525	49.18	-21.72	53.76	294	14525	44.03	-5.79	44.41	277
12550	50.10	-20.49	54.13	292	13550	49.01	-21.46	53.50	293	14550	44.00	-5.85	44.39	277
12575	50.20	-20.61	54.27	292	13575	48.69	-20.95	53.00	293	14575	44.35	-4.44	44.57	276
12600	50.17	-21.29	54.51	293	13600	48.47	-19.78	52.35	292	14600	43.87	-4.40	44.09	276
12625	50.24	-21.47	54.64	293	13625	48.60	-19.92	52.53	292	14625	43.10	-5.21	43.41	277
12650	50.37	-21.25	54.67	293	13650	48.35	-20.18	52.39	292	14650	43.15	-5.00	43.44	276
12675	50.50	-21.46	54.87	293	13675	48.40	-19.68	52.25	292	14675	43.10	-5.02	43.40	276
12700	50.36	-21.70	54.83	293	13700	48.28	-20.27	52.37	293	14700	43.17	-4.78	43.43	276
12725	50.52	-20.60	54.56	292	13725	47.40	-19.91	51.41	293	14725	43.03	-4.88	43.30	276
12750	50.81	-19.80	54.53	291	13750	46.62	-18.23	50.06	291	14750	42.79	-5.84	43.18	278
12775	50.61	-20.16	54.47	292	13775	46.53	-17.13	49.58	290	14775	43.45	-3.99	43.64	275
12800	50.87	-19.86	54.61	291	13800	46.15	-16.81	49.12	290	14800	43.51	-3.27	43.63	274
12825	51.34	-19.03	54.76	290	13825	45.25	-16.61	48.20	290	14825	42.66	-4.11	42.86	275
12850	51.37	-18.76	54.69	290	13850	44.54	-15.34	47.11	289	14850	42.13	-3.89	42.31	275
12875	51.35	-18.05	54.43	289	13875	44.37	-15.34	46.95	289	14875	42.11	-3.41	42.24	274
12900	51.76	-16.85	54.44	288	13900	43.85	-15.55	46.53	289	14900	42.13	-2.85	42.23	274
12925	52.20	-18.13	55.26	289	13925	43.53	-15.66	46.26	290	14925	42.13	-2.65	42.21	273
12950	52.56	-18.04	55.57	289	13950	42.84	-15.62	45.60	290	14950	42.48	-2.57	42.56	273
12975	53.35	-17.77	56.23	288	13975	42.20	-15.64	45.01	290	14975	42.72	-2.64	42.81	273
13000	54.35	-18.40	57.38	289	14000	42.60	-14.94	45.14	289	15000	42.80	-2.51	42.87	273
13025	55.10	-18.88	58.25	289	14025	42.53	-14.05	44.79	288	15025	43.45	-2.40	43.51	273
13050	55.44	-19.08	58.63	289	14050	42.01	-13.73	44.20	288	15050	44.10	-3.80	44.27	275
13075	55.52	-19.20	58.75	289	14075	42.52	-12.57	44.34	286	15075	44.42	-4.44	44.64	276
13100	55.55	-19.14	58.76	289	14100	42.54	-12.31	44.29	286	15100	44.70	-4.66	44.94	276
13125	55.51	-18.89	58.63	289	14125	42.72	-12.23	44.44	286	15125	44.51	-4.49	44.73	276
13150	55.86	-19.48	59.16	289	14150	43.50	-10.98	44.87	284	15150	44.16	-5.30	44.48	277

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1988 03/23/65, 0800Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	44.02	-6.01	44.43	278										
15200	43.76	-5.42	44.09	277										
15225	43.38	-4.63	43.62	276										
15250	42.95	-5.15	43.26	277										
15275	43.20	-4.68	43.45	276										
15300	43.44	-4.21	43.65	275										
15325	43.46	-3.59	43.60	275										
15350	42.25	-5.76	42.64	278										
15375	41.98	-5.66	42.36	278										
15400	41.81	-5.54	42.17	277										
15425	41.63	-5.41	41.98	277										
15450	41.25	-4.95	41.55	277										
15475	41.11	-5.19	41.43	277										
15500	41.20	-4.84	41.48	277										
15525	41.50	-4.38	41.73	276										
15550	41.70	-4.22	41.92	276										
15575	41.74	-4.70	42.01	276										
15600	41.69	-4.95	41.99	277										
15625	42.28	-4.53	42.52	276										
15650	42.48	-4.48	42.72	276										
15675	42.68	-4.42	42.91	276										
15700	43.02	-3.75	43.19	275										
15725	43.33	-3.46	43.46	274										
15750	42.91	-4.51	43.15	276										
15775	42.61	-4.83	42.88	276										
15800	43.04	-3.80	43.21	275										
15825	43.26	-5.00	43.54	276										
15850	43.74	-4.79	44.00	276										
15875	43.98	-4.72	44.23	276										
15900	44.21	-4.66	44.46	276										
15925	43.49	-5.15	43.80	277										
15950	42.77	-5.64	43.14	277										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-61

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1990 03/23/65, 1141Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
600	-4.62	7.99	9.23	150	1600	4.23	4.70	6.32	222	2600	7.26	-3.42	8.02	295
625	-4.28	8.00	9.07	152	1625	4.35	4.02	5.92	227	2625	7.24	-3.47	8.03	295
650	-4.01	8.09	9.03	153	1650	4.38	3.36	5.52	232	2650	7.33	-3.62	8.17	296
675	-3.89	8.17	9.05	154	1675	4.45	2.65	5.18	239	2675	7.47	-3.76	8.36	297
700	-3.78	8.31	9.13	155	1700	4.48	1.99	4.90	246	2700	7.65	-3.81	8.54	296
725	-3.57	8.56	9.28	157	1725	4.56	1.50	4.81	252	2725	7.83	-3.80	8.71	296
750	-3.36	8.88	9.49	159	1750	4.87	1.03	4.98	258	2750	7.90	-3.69	8.72	295
775	-2.82	9.55	9.96	163	1775	5.33	0.60	5.37	263	2775	8.01	-3.48	8.74	293
800	-2.47	10.19	10.48	166	1800	5.64	0.18	5.64	268	2800	8.37	-3.30	9.00	291
825	-2.59	10.59	10.90	166	1825	5.70	-0.14	5.71	271	2825	8.75	-3.13	9.29	289
850	-3.06	10.75	11.18	164	1850	5.79	-0.37	5.80	273	2850	8.95	-3.08	9.47	289
875	-3.82	10.67	11.33	160	1875	5.78	-0.43	5.79	274	2875	9.14	-3.24	9.70	289
900	-4.51	10.70	11.61	157	1900	5.51	-0.44	5.52	274	2900	9.39	-3.35	9.97	289
925	-4.94	11.10	12.15	156	1925	5.12	-0.51	5.15	276	2925	9.78	-3.36	10.34	289
950	-5.14	11.95	13.01	157	1950	4.85	-0.49	4.87	276	2950	10.08	-3.32	10.62	288
975	-5.27	13.05	14.07	158	1975	4.57	-0.40	4.59	275	2975	10.25	-3.40	10.80	288
1000	-5.76	13.65	14.82	157	2000	4.34	-0.37	4.35	275	3000	10.38	-3.65	11.01	289
1025	-6.54	13.77	15.24	154	2025	4.19	-0.45	4.21	276	3025	10.63	-3.94	11.34	290
1050	-6.74	13.04	14.68	152	2050	4.16	-0.69	4.21	279	3050	11.10	-4.10	11.83	290
1075	-4.13	10.67	11.44	159	2075	4.19	-1.17	4.35	285	3075	11.32	-3.92	11.98	289
1100	-1.94	8.99	9.19	168	2100	4.12	-1.40	4.35	289	3100	11.32	-3.72	11.91	288
1125	-1.94	8.80	9.01	167	2125	3.90	-1.38	4.14	289	3125	11.52	-3.57	12.06	287
1150	-1.78	9.03	9.20	169	2150	3.81	-1.55	4.11	292	3150	11.80	-3.54	12.32	287
1175	-1.44	9.29	9.40	171	2175	3.80	-1.76	4.18	295	3175	11.83	-3.64	12.37	287
1200	-0.92	9.07	9.12	174	2200	3.73	-1.97	4.22	298	3200	11.79	-3.64	12.34	287
1225	-0.42	8.47	8.48	177	2225	3.71	-2.27	4.34	301	3225	11.91	-3.67	12.47	287
1250	-0.29	7.75	7.75	178	2250	3.76	-2.44	4.48	303	3250	11.86	-3.80	12.46	288
1275	-0.22	7.11	7.12	178	2275	3.92	-2.41	4.60	301	3275	11.67	-3.86	12.29	288
1300	0.12	6.80	6.80	181	2300	4.13	-2.41	4.78	300	3300	11.70	-3.62	12.25	287
1325	0.78	6.88	6.92	186	2325	4.51	-2.70	5.25	301	3325	11.78	-3.31	12.24	285
1350	1.55	6.94	7.11	192	2350	5.29	-3.01	6.09	299	3350	11.88	-3.06	12.27	284
1375	2.14	6.84	7.17	197	2375	6.39	-3.23	7.16	297	3375	11.96	-2.92	12.31	284
1400	2.74	6.68	7.22	202	2400	7.17	-3.33	7.91	295	3400	12.13	-2.70	12.43	282
1425	3.35	6.20	7.05	208	2425	7.46	-3.25	8.14	293	3425	12.34	-2.59	12.61	282
1450	3.68	5.63	6.72	213	2450	7.57	-3.20	8.22	293	3450	12.31	-2.74	12.61	282
1475	3.67	5.38	6.51	214	2475	7.58	-3.24	8.25	293	3475	12.23	-2.62	12.51	282
1500	3.59	5.32	6.42	214	2500	7.53	-3.25	8.20	293	3500	11.83	-2.32	12.06	281
1525	3.56	5.19	6.30	214	2525	7.55	-3.26	8.22	293	3525	11.19	-1.75	11.33	279
1550	3.69	5.21	6.38	215	2550	7.47	-3.38	8.19	294	3550	10.79	-0.97	10.84	275
1575	3.96	5.17	6.51	217	2575	7.32	-3.45	8.09	295	3575	10.81	-0.56	10.82	273

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1990 03/23/65, 1141Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3600	11.22	-0.54	11.23	273	4600	13.63	-9.16	16.43	304	5600	13.90	-13.00	19.03	313
3625	11.36	-0.53	11.37	272	4625	13.80	-9.39	16.69	304	5625	14.00	-13.36	19.35	313
3650	11.38	-0.34	11.39	272	4650	13.31	-9.54	16.38	305	5650	14.57	-13.70	19.99	313
3675	11.51	-0.01	11.51	270	4675	12.91	-9.52	16.05	306	5675	15.12	-13.91	20.54	312
3700	11.39	0.16	11.40	269	4700	12.95	-9.54	16.09	306	5700	15.45	-13.87	20.76	312
3725	11.54	-0.05	11.54	270	4725	12.94	-9.60	16.11	306	5725	16.02	-13.88	21.20	311
3750	11.87	-0.15	11.87	271	4750	12.90	-9.46	15.99	306	5750	16.43	-13.91	21.53	310
3775	12.19	-0.14	12.19	270	4775	12.84	-9.34	15.88	306	5775	16.48	-13.99	21.61	310
3800	12.39	-0.17	12.39	271	4800	12.79	-9.22	15.77	306	5800	16.74	-14.08	21.88	310
3825	12.66	-0.39	12.67	272	4825	12.86	-9.21	15.82	305	5825	17.01	-14.01	22.04	309
3850	13.19	-1.02	13.23	274	4850	13.00	-9.43	16.06	306	5850	17.10	-13.92	22.05	309
3875	13.83	-1.76	13.94	277	4875	13.10	-9.82	16.38	307	5875	17.22	-13.64	21.97	308
3900	14.50	-2.46	14.71	279	4900	13.25	-10.27	16.77	308	5900	17.40	-13.32	21.91	307
3925	14.77	-3.05	15.08	281	4925	13.38	-10.78	17.18	309	5925	17.51	-13.04	21.83	306
3950	14.82	-3.85	15.31	284	4950	13.59	-11.25	17.64	309	5950	17.82	-12.71	21.89	305
3975	15.12	-4.60	15.80	287	4975	13.82	-11.54	18.01	310	5975	18.20	-12.42	22.03	304
4000	15.40	-5.04	16.21	288	5000	13.77	-11.77	18.11	310	6000	18.29	-12.28	22.03	304
4025	15.56	-5.22	16.41	288	5025	13.58	-11.88	18.05	311	6025	18.17	-12.24	21.91	304
4050	15.81	-5.03	16.59	287	5050	13.84	-11.97	18.30	311	6050	18.12	-12.20	21.85	304
4075	16.11	-4.72	16.78	286	5075	13.93	-12.04	18.41	311	6075	18.10	-12.14	21.79	304
4100	16.38	-4.45	16.97	285	5100	13.53	-12.18	18.21	312	6100	18.12	-12.16	21.83	304
4125	16.66	-4.25	17.19	284	5125	13.15	-12.53	18.16	313	6125	18.31	-12.16	21.98	303
4150	16.80	-4.15	17.30	284	5150	12.88	-12.91	18.24	315	6150	18.22	-12.13	21.89	303
4175	16.72	-4.25	17.25	284	5175	12.83	-13.37	18.53	316	6175	18.27	-12.18	21.95	304
4200	16.78	-4.68	17.42	285	5200	12.81	-13.67	18.73	317	6200	18.54	-12.11	22.14	303
4225	16.72	-5.13	17.49	287	5225	12.75	-13.49	18.56	316	6225	18.68	-11.82	22.10	302
4250	16.49	-5.51	17.38	288	5250	12.85	-13.15	18.39	315	6250	18.82	-11.34	21.98	301
4275	16.30	-6.02	17.38	290	5275	13.05	-12.79	18.27	314	6275	18.95	-10.98	21.91	300
4300	16.00	-6.31	17.20	291	5300	13.16	-12.38	18.07	313	6300	18.95	-10.56	21.69	299
4325	16.17	-6.52	17.43	292	5325	13.44	-11.98	18.00	312	6325	19.08	-10.24	21.65	298
4350	16.68	-7.25	18.19	293	5350	13.66	-11.48	17.85	310	6350	19.20	-10.19	21.74	298
4375	16.61	-8.14	18.50	296	5375	13.69	-10.96	17.54	309	6375	19.18	-10.10	21.68	298
4400	16.11	-8.72	18.32	298	5400	13.82	-10.76	17.52	308	6400	19.27	-9.96	21.69	297
4425	15.78	-8.91	18.12	299	5425	14.05	-10.81	17.73	307	6425	19.59	-9.72	21.87	296
4450	15.45	-8.84	17.80	300	5450	14.10	-11.05	17.92	308	6450	19.81	-9.41	21.93	295
4475	15.07	-8.61	17.35	300	5475	13.90	-11.46	18.02	309	6475	19.79	-9.16	21.81	295
4500	14.97	-8.37	17.15	299	5500	13.82	-11.74	18.13	310	6500	19.65	-9.02	21.62	294
4525	14.84	-8.52	17.11	300	5525	13.76	-11.97	18.24	311	6525	19.47	-8.75	21.35	294
4550	14.41	-8.77	16.87	301	5550	13.69	-12.30	18.41	312	6550	19.49	-8.79	21.38	294
4575	13.80	-8.95	16.45	303	5575	13.88	-12.62	18.76	312	6575	19.53	-8.92	21.47	294

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-61 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1990 03/23/65, 1141Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6600	20.11	-8.62	21.88	293	7600	31.63	-11.07	33.51	289	8600	34.58	-11.16	36.34	288
6625	21.27	-8.26	22.82	291	7625	32.14	-10.91	33.94	289	8625	35.03	-11.16	36.76	287
6650	22.14	-8.12	23.58	290	7650	32.42	-10.92	34.21	288	8650	35.42	-11.09	37.12	287
6675	23.03	-8.04	24.40	289	7675	32.57	-11.04	34.39	289	8675	35.29	-11.20	37.02	287
6700	23.94	-7.90	25.21	288	7700	32.50	-11.23	34.39	289	8700	34.85	-11.42	36.68	288
6725	24.77	-7.59	25.91	287	7725	32.34	-11.38	34.28	289	8725	34.64	-11.30	36.43	288
6750	25.27	-6.97	26.21	285	7750	32.43	-11.51	34.41	289	8750	34.80	-11.24	36.57	288
6775	25.13	-6.80	26.03	285	7775	32.51	-11.73	34.56	290	8775	34.75	-11.54	36.62	288
6800	24.97	-7.25	26.00	286	7800	32.92	-11.93	35.01	290	8800	34.49	-11.40	36.32	288
6825	24.87	-7.78	26.06	287	7825	33.45	-12.11	35.57	290	8825	34.48	-11.04	36.20	288
6850	24.84	-8.11	26.13	288	7850	33.42	-12.14	35.55	290	8850	34.55	-10.99	36.26	287
6875	24.68	-8.43	26.08	289	7875	33.25	-12.15	35.39	290	8875	34.49	-10.87	36.16	287
6900	24.45	-8.70	25.96	289	7900	33.19	-12.16	35.35	290	8900	34.65	-10.65	36.25	287
6925	24.38	-8.95	25.97	290	7925	33.14	-12.19	35.31	290	8925	35.09	-10.49	36.63	286
6950	24.38	-9.29	26.09	291	7950	33.40	-12.19	35.56	290	8950	35.30	-10.65	36.87	287
6975	24.58	-9.39	26.32	291	7975	33.78	-12.22	35.92	290	8975	35.17	-10.78	36.78	287
7000	24.95	-9.46	26.68	291	8000	34.12	-12.17	36.22	289	9000	35.13	-10.75	36.74	287
7025	25.31	-9.68	27.10	291	8025	34.35	-11.94	36.36	289	9025	35.10	-11.03	36.79	287
7050	25.67	-9.77	27.46	291	8050	34.46	-11.91	36.46	289	9050	34.99	-11.06	36.70	287
7075	26.10	-9.89	27.91	291	8075	34.57	-12.17	36.65	289	9075	34.98	-11.08	36.70	287
7100	26.67	-10.25	28.57	291	8100	34.42	-12.49	36.61	290	9100	34.97	-11.17	36.71	288
7125	27.25	-10.44	29.18	291	8125	34.22	-12.54	36.44	290	9125	35.14	-11.09	36.85	287
7150	27.71	-10.39	29.59	290	8150	34.17	-12.52	36.39	290	9150	35.38	-11.30	37.14	288
7175	28.08	-10.22	29.88	290	8175	34.27	-12.59	36.51	290	9175	35.58	-11.90	37.52	288
7200	28.44	-9.97	30.14	289	8200	34.54	-12.80	36.84	290	9200	35.65	-12.34	37.72	289
7225	28.66	-9.91	30.33	289	8225	34.82	-12.92	37.13	290	9225	35.65	-12.93	37.92	290
7250	28.68	-9.99	30.37	289	8250	34.77	-12.55	36.96	290	9250	35.62	-13.65	38.14	291
7275	28.80	-10.01	30.49	289	8275	34.61	-12.36	36.75	289	9275	35.48	-13.64	38.01	291
7300	28.94	-9.98	30.61	289	8300	34.59	-12.71	36.85	290	9300	35.09	-13.47	37.58	291
7325	28.85	-9.93	30.51	289	8325	34.69	-12.98	37.04	290	9325	35.10	-13.66	37.66	291
7350	28.84	-10.18	30.59	289	8350	34.82	-13.12	37.21	290	9350	35.58	-13.92	38.20	291
7375	28.90	-10.23	30.66	289	8375	34.67	-13.09	37.06	291	9375	35.52	-13.92	38.15	291
7400	28.92	-10.12	30.64	289	8400	34.53	-12.79	36.82	290	9400	35.22	-13.83	37.84	291
7425	28.89	-10.00	30.57	289	8425	34.68	-12.09	36.72	289	9425	34.98	-14.00	37.68	292
7450	28.90	-9.94	30.56	289	8450	34.64	-11.57	36.52	288	9450	34.70	-14.40	37.57	292
7475	29.10	-10.09	30.80	289	8475	34.38	-11.60	36.29	288	9475	34.77	-14.49	37.67	292
7500	29.43	-10.15	31.14	289	8500	34.17	-11.54	36.07	288	9500	34.90	-14.35	37.74	292
7525	29.87	-10.42	31.63	289	8525	34.16	-11.54	36.06	288	9525	34.80	-14.44	37.67	292
7550	30.43	-10.93	32.33	290	8550	34.37	-11.64	36.29	289	9550	34.63	-14.56	37.56	293
7575	31.01	-11.16	32.96	290	8575	34.45	-11.40	36.29	288	9575	34.49	-14.51	37.42	293

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1990 03/23/65, 1141Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9600	34.31	-14.47	37.24	293	10600	34.87	-18.49	39.47	298	11600	44.72	-21.22	49.50	295
9625	34.00	-14.58	36.99	293	10625	34.77	-18.62	39.44	298	11625	44.96	-21.18	49.70	295
9650	33.91	-14.42	36.85	293	10650	34.96	-18.63	39.61	298	11650	45.35	-21.15	50.04	295
9675	33.93	-14.64	36.96	293	10675	35.37	-18.40	39.87	297	11675	45.53	-20.91	50.10	294
9700	33.94	-14.82	37.03	293	10700	35.28	-18.55	39.86	298	11700	45.48	-20.43	49.85	294
9725	34.02	-14.56	37.00	293	10725	35.24	-18.83	39.95	298	11725	45.59	-20.12	49.83	294
9750	34.09	-14.60	37.09	293	10750	35.23	-18.90	39.98	298	11750	46.01	-19.69	50.05	293
9775	34.14	-14.63	37.15	293	10775	35.46	-18.49	39.99	297	11775	46.05	-19.53	50.02	293
9800	34.20	-14.68	37.22	293	10800	35.81	-18.62	40.36	297	11800	46.61	-19.14	50.39	292
9825	34.45	-15.14	37.63	294	10825	36.07	-18.90	40.72	297	11825	47.27	-18.68	50.82	291
9850	34.88	-15.19	38.04	293	10850	36.54	-18.23	40.84	296	11850	47.58	-18.43	51.02	291
9875	35.34	-15.08	38.42	293	10875	37.00	-18.21	41.24	296	11875	47.72	-18.74	51.27	291
9900	35.57	-15.47	38.79	293	10900	37.45	-18.50	41.78	296	11900	47.83	-19.04	51.48	292
9925	35.54	-15.78	38.89	294	10925	37.80	-18.82	42.22	296	11925	47.99	-19.03	51.63	291
9950	35.45	-16.39	39.05	295	10950	38.15	-19.96	43.05	297	11950	47.99	-18.88	51.57	291
9975	35.24	-16.88	39.08	295	10975	38.62	-19.99	43.48	297	11975	47.94	-18.61	51.42	291
10000	35.12	-16.56	38.83	295	11000	39.52	-19.78	44.20	296	12000	47.91	-18.87	51.49	291
10025	35.09	-16.54	38.79	295	11025	39.37	-20.53	44.40	297	12025	48.12	-18.92	51.70	291
10050	34.84	-17.05	38.79	296	11050	39.55	-20.12	44.38	297	12050	48.27	-18.75	51.78	291
10075	34.71	-17.09	38.69	296	11075	40.32	-19.63	44.84	296	12075	48.51	-18.80	52.03	291
10100	34.79	-17.07	38.75	296	11100	40.36	-19.87	44.98	296	12100	48.33	-19.22	52.01	292
10125	34.98	-17.19	38.98	296	11125	40.77	-19.76	45.31	296	12125	48.01	-19.20	51.70	292
10150	35.00	-16.97	38.89	296	11150	41.28	-19.55	45.68	295	12150	47.92	-19.02	51.56	291
10175	34.60	-17.13	38.61	296	11175	41.66	-19.46	45.98	295	12175	48.47	-18.82	52.00	291
10200	34.26	-17.24	38.35	297	11200	41.96	-19.26	46.17	294	12200	48.44	-18.98	52.03	291
10225	34.02	-17.34	38.18	297	11225	42.02	-19.02	46.12	294	12225	48.20	-18.95	51.79	291
10250	34.17	-17.72	38.49	297	11250	42.09	-19.11	46.22	294	12250	48.83	-18.93	52.37	291
10275	34.45	-17.85	38.80	297	11275	42.43	-19.05	46.51	294	12275	48.97	-19.49	52.70	292
10300	34.45	-17.79	38.77	297	11300	42.65	-19.02	46.70	294	12300	49.31	-19.46	53.01	291
10325	34.47	-17.85	38.82	297	11325	42.94	-19.49	47.15	294	12325	49.51	-19.85	53.34	292
10350	34.63	-17.74	38.91	297	11350	43.61	-19.17	47.64	294	12350	49.40	-20.25	53.39	292
10375	34.83	-17.43	38.94	296	11375	44.20	-18.99	48.11	293	12375	49.24	-20.73	53.43	293
10400	34.87	-17.41	38.98	296	11400	44.41	-19.28	48.42	293	12400	49.37	-20.83	53.59	293
10425	34.89	-17.32	38.95	296	11425	44.64	-19.11	48.56	293	12425	49.64	-20.67	53.77	292
10450	35.39	-17.07	39.29	296	11450	44.55	-19.52	48.64	293	12450	49.69	-20.83	53.88	293
10475	35.34	-17.27	39.33	296	11475	44.70	-19.54	48.79	293	12475	49.66	-20.83	53.85	293
10500	35.26	-17.57	39.39	296	11500	44.65	-19.54	48.74	293	12500	49.38	-20.76	53.57	293
10525	35.40	-17.68	39.57	296	11525	44.49	-19.79	48.69	294	12525	49.41	-20.65	53.55	293
10550	35.02	-18.02	39.39	297	11550	45.01	-19.81	49.17	294	12550	49.61	-20.88	53.83	293
10575	34.81	-18.40	39.38	298	11575	45.08	-20.50	49.52	294	12575	49.91	-21.19	54.22	293

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-61 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1990 03/23/65, 1141Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12600	50.48	-21.02	54.68	292	13600	50.94	-20.95	55.08	292	14600	42.66	-9.97	43.81	283
12625	50.48	-21.87	55.01	293	13625	50.62	-20.25	54.52	292	14625	42.43	-8.98	43.36	282
12650	50.54	-21.96	55.11	293	13650	50.04	-19.59	53.74	291	14650	41.75	-8.28	42.56	281
12675	51.27	-21.20	55.48	292	13675	48.75	-20.94	53.06	293	14675	41.29	-7.93	42.05	281
12700	51.78	-21.53	56.08	292	13700	49.28	-20.24	53.28	292	14700	41.31	-8.84	42.25	282
12725	52.08	-21.30	56.26	292	13725	49.49	-19.55	53.21	291	14725	40.90	-9.83	42.07	283
12750	52.22	-21.52	56.48	292	13750	48.32	-21.22	52.77	294	14750	40.68	-9.97	41.88	284
12775	52.07	-21.76	56.44	293	13775	47.61	-23.04	52.89	296	14775	40.59	-10.16	41.84	284
12800	52.40	-20.48	56.26	291	13800	47.02	-23.49	52.56	296	14800	40.70	-9.85	41.87	283
12825	52.78	-19.35	56.22	290	13825	46.24	-24.22	52.20	297	14825	40.43	-11.61	42.06	286
12850	52.37	-20.12	56.10	291	13850	46.21	-23.88	52.01	297	14850	40.86	-11.23	42.37	285
12875	53.19	-19.78	56.74	290	13875	46.14	-22.53	51.35	296	14875	41.38	-10.02	42.58	283
12900	53.60	-19.60	57.07	290	13900	45.60	-22.30	50.76	296	14900	41.38	-10.65	42.73	284
12925	53.99	-19.75	57.49	290	13925	44.78	-21.35	49.61	295	14925	41.39	-10.67	42.74	284
12950	54.02	-19.67	57.49	290	13950	43.67	-20.65	48.30	295	14950	41.40	-10.70	42.76	284
12975	53.47	-19.31	56.85	290	13975	43.00	-19.28	47.13	294	14975	40.71	-11.02	42.18	285
13000	53.54	-18.21	56.55	289	14000	42.21	-18.60	46.13	294	15000	40.68	-9.91	41.87	284
13025	53.71	-18.28	56.74	289	14025	42.03	-16.98	45.33	292	15025	40.70	-9.85	41.88	283
13050	54.10	-18.50	57.17	289	14050	42.37	-16.21	45.37	291	15050	40.73	-9.78	41.89	283
13075	54.31	-17.91	57.19	288	14075	42.32	-16.31	45.36	291	15075	39.55	-10.69	40.97	285
13100	54.01	-18.01	56.93	288	14100	42.50	-16.08	45.44	291	15100	38.77	-11.06	40.31	286
13125	53.86	-18.21	56.86	289	14125	43.11	-14.83	45.59	289	15125	39.27	-8.83	40.25	282
13150	54.22	-17.88	57.09	288	14150	43.63	-13.74	45.74	287	15150	38.96	-8.74	39.93	282
13175	54.10	-18.14	57.06	288	14175	43.46	-14.48	45.81	288	15175	38.59	-8.59	39.53	282
13200	54.18	-17.99	57.09	288	14200	43.16	-13.79	45.31	288	15200	39.03	-7.69	39.78	281
13225	54.21	-18.10	57.15	288	14225	42.10	-13.37	44.18	287	15225	39.13	-7.76	39.90	281
13250	53.26	-19.14	56.60	290	14250	41.27	-12.80	43.21	287	15250	39.12	-6.99	39.74	280
13275	52.93	-18.92	56.21	289	14275	42.02	-12.35	43.80	286	15275	38.87	-6.33	39.38	279
13300	53.05	-19.31	56.45	290	14300	42.69	-12.16	44.39	286	15300	38.39	-7.42	39.10	281
13325	53.17	-19.57	56.66	290	14325	43.25	-11.48	44.75	285	15325	39.21	-5.02	39.53	277
13350	53.04	-19.38	56.47	290	14350	43.37	-12.50	45.14	286	15350	39.76	-4.89	40.06	277
13375	52.90	-19.32	56.32	290	14375	43.54	-13.26	45.52	287	15375	39.68	-5.64	40.08	278
13400	52.83	-19.45	56.29	290	14400	44.19	-12.59	45.95	286	15400	39.71	-3.97	39.91	276
13425	52.22	-19.67	55.80	290	14425	44.84	-11.97	46.41	285	15425	39.95	-3.79	40.13	275
13450	52.07	-19.56	55.63	290	14450	44.82	-12.86	46.63	286	15450	40.02	-4.87	40.31	277
13475	51.90	-19.66	55.49	291	14475	45.59	-12.32	47.22	285	15475	40.07	-4.48	40.32	276
13500	51.47	-20.38	55.36	291	14500	45.59	-11.64	47.06	284	15500	40.47	-3.74	40.64	275
13525	51.25	-20.69	55.27	292	14525	44.21	-10.35	45.40	283	15525	40.22	-3.66	40.39	275
13550	51.15	-20.89	55.25	292	14550	43.36	-10.07	44.52	283	15550	39.46	-3.91	39.65	275
13575	51.17	-21.27	55.41	292	14575	43.01	-10.02	44.16	283	15575	39.63	-3.45	39.78	275

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1990 03/23/65, 1141Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15600	39.79	-2.28	39.85	273										
15625	38.99	-2.60	39.07	274										
15650	38.51	-4.18	38.74	276										
15675	38.39	-4.86	38.70	277										
15700	38.85	-3.26	38.99	275										
15725	38.81	-2.79	38.91	274										
15750	38.72	-3.89	38.92	276										
15775	38.96	-2.86	39.07	274										
15800	38.59	-2.38	38.67	273										
15825	38.18	-2.90	38.29	274										
15850	38.16	-2.49	38.24	274										
15875	38.04	-2.71	38.14	274										
15900	37.89	-3.13	38.02	275										
15925	38.01	-2.75	38.11	274										
15950	37.67	-2.49	37.75	274										
15975	37.78	-2.58	37.86	274										
16000	37.68	-2.80	37.78	274										
16025	37.58	-2.24	37.64	273										
16050	37.63	-2.07	37.69	273										
16075	37.48	-3.21	37.62	275										
16100	37.85	-3.70	38.03	275										
16125	38.16	-4.14	38.38	276										
16150	38.49	-3.84	38.68	276										
16175	38.76	-4.04	38.97	276										
16200	38.51	-4.36	38.75	276										
16225	38.63	-5.56	39.03	278										
16250	39.16	-5.79	39.58	278										
16275	39.30	-5.50	39.68	278										
16300	39.72	-5.23	40.06	277										
16325	40.25	-4.79	40.53	277										
16350	40.72	-4.57	40.97	276										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-62

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1998 03/24/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
375	-2.30	8.31	8.62	164	1375	3.79	4.86	6.16	218	2375	7.08	5.37	8.88	233
400	-2.17	8.33	8.61	165	1400	3.98	4.85	6.28	219	2400	7.00	5.40	8.84	232
425	-2.05	8.25	8.50	166	1425	4.15	4.74	6.30	221	2425	7.14	5.42	8.96	233
450	-1.99	7.78	8.03	165	1450	4.34	4.90	6.55	221	2450	7.42	5.04	8.97	236
475	-1.91	7.20	7.45	165	1475	4.60	4.90	6.72	223	2475	7.21	5.14	8.85	234
500	-1.78	6.83	7.05	165	1500	4.81	5.04	6.97	223	2500	7.16	5.36	8.95	233
525	-1.51	6.68	6.84	167	1525	5.07	5.11	7.20	225	2525	6.95	5.47	8.84	232
550	-1.32	6.46	6.60	168	1550	5.22	4.94	7.19	226	2550	6.72	5.59	8.74	230
575	-1.01	6.30	6.38	171	1575	5.08	5.19	7.26	224	2575	6.61	5.61	8.67	229
600	-0.63	5.94	5.97	174	1600	5.41	4.88	7.29	228	2600	6.41	5.53	8.46	229
625	-0.33	5.93	5.94	177	1625	5.38	5.07	7.39	227	2625	6.15	5.80	8.46	227
650	-0.24	5.92	5.92	178	1650	5.42	5.06	7.41	227	2650	6.19	5.85	8.52	226
675	-0.20	5.90	5.90	178	1675	5.57	4.91	7.43	228	2675	6.34	5.65	8.49	228
700	0.13	6.18	6.18	181	1700	5.40	5.06	7.40	227	2700	6.07	5.98	8.52	225
725	0.14	6.05	6.05	181	1725	5.19	5.14	7.31	225	2725	6.45	5.41	8.42	230
750	-0.08	5.69	5.69	179	1750	5.11	5.20	7.29	224	2750	6.35	5.31	8.27	230
775	0.05	5.49	5.49	180	1775	5.23	4.95	7.20	226	2775	5.79	5.39	7.91	227
800	0.30	5.40	5.40	183	1800	5.00	5.33	7.30	223	2800	5.54	5.07	7.51	227
825	0.40	5.28	5.30	184	1825	4.95	5.37	7.30	222	2825	5.33	4.89	7.23	227
850	0.51	5.05	5.07	186	1850	5.11	5.22	7.30	224	2850	5.19	4.78	7.05	227
875	0.60	4.84	4.88	187	1875	5.24	4.90	7.17	227	2875	5.18	4.63	6.94	228
900	0.65	4.42	4.47	188	1900	5.45	4.43	7.02	231	2900	5.26	4.51	6.93	229
925	0.92	4.09	4.19	193	1925	5.68	4.48	7.24	232	2925	5.56	3.88	6.78	235
950	1.34	4.13	4.34	198	1950	5.64	4.49	7.21	231	2950	5.79	3.05	6.54	242
975	1.28	4.08	4.28	197	1975	5.62	4.48	7.19	231	2975	6.06	2.75	6.65	245
1000	1.09	4.00	4.15	195	2000	6.00	4.40	7.44	234	3000	6.10	2.60	6.63	247
1025	1.36	3.98	4.20	199	2025	5.96	4.18	7.28	235	3025	5.93	2.40	6.39	248
1050	1.31	3.81	4.03	199	2050	5.79	4.52	7.34	232	3050	6.01	2.05	6.35	251
1075	1.27	3.77	3.98	198	2075	6.07	4.66	7.65	232	3075	5.55	2.16	5.96	249
1100	1.37	3.79	4.03	200	2100	6.18	4.37	7.57	235	3100	5.46	2.10	5.85	249
1125	1.42	3.72	3.98	201	2125	6.23	4.42	7.64	234	3125	5.83	2.51	6.35	247
1150	1.48	3.69	3.97	202	2150	6.42	4.55	7.87	234	3150	6.05	2.85	6.69	245
1175	1.31	3.53	3.77	200	2175	6.76	4.43	8.08	237	3175	6.34	3.07	7.05	244
1200	1.54	3.71	4.01	202	2200	6.83	4.45	8.15	237	3200	6.68	3.37	7.48	243
1225	1.76	4.12	4.48	203	2225	6.83	4.70	8.29	235	3225	6.85	3.11	7.53	245
1250	1.86	4.26	4.65	203	2250	6.94	4.98	8.54	234	3250	7.08	2.91	7.66	247
1275	2.36	4.25	4.86	209	2275	7.26	5.11	8.88	235	3275	7.24	3.30	7.96	245
1300	2.70	4.35	5.12	212	2300	7.42	5.18	9.05	235	3300	7.24	4.23	8.39	240
1325	3.19	4.70	5.68	214	2325	7.28	5.19	8.94	234	3325	7.27	4.56	8.58	238
1350	3.60	4.79	5.99	217	2350	7.15	5.27	8.88	233	3350	7.07	4.38	8.32	238

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1998 03/24/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3375	7.10	4.67	8.50	237	4375	9.52	8.04	12.46	230	5375	11.14	2.48	11.41	257
3400	7.45	5.34	9.17	234	4400	9.79	7.57	12.37	232	5400	11.02	2.56	11.31	257
3425	7.57	6.00	9.66	231	4425	10.01	6.97	12.20	235	5425	10.89	2.61	11.20	256
3450	7.41	6.35	9.76	229	4450	9.93	7.35	12.35	233	5450	10.61	2.89	11.00	255
3475	7.83	6.39	10.11	231	4475	9.90	7.49	12.42	233	5475	10.64	2.82	11.00	255
3500	8.26	6.23	10.34	233	4500	10.56	6.51	12.40	238	5500	10.55	2.59	10.86	256
3525	7.84	6.59	10.24	230	4525	10.89	6.20	12.53	240	5525	10.30	2.57	10.62	256
3550	7.42	7.00	10.20	226	4550	10.97	6.16	12.58	241	5550	10.25	2.50	10.55	256
3575	7.45	6.94	10.18	227	4575	10.97	6.18	12.59	240	5575	10.23	2.45	10.52	256
3600	7.51	7.32	10.49	226	4600	10.97	6.37	12.68	240	5600	10.36	2.42	10.64	257
3625	7.64	7.88	10.98	224	4625	11.01	6.10	12.58	241	5625	10.56	2.55	10.86	256
3650	7.52	8.14	11.08	223	4650	11.09	6.03	12.62	241	5650	10.68	2.29	10.93	258
3675	7.47	8.23	11.12	222	4675	11.18	6.09	12.73	241	5675	10.48	2.41	10.75	257
3700	7.56	8.20	11.15	222	4700	11.20	6.05	12.73	241	5700	10.54	2.78	10.90	255
3725	7.51	7.99	10.97	223	4725	11.24	6.11	12.80	241	5725	10.66	2.61	10.97	256
3750	7.58	8.10	11.10	223	4750	11.34	6.00	12.83	242	5750	10.53	2.71	10.88	255
3775	7.63	8.33	11.29	222	4775	11.30	6.07	12.83	242	5775	10.74	2.69	11.07	256
3800	7.68	8.40	11.38	222	4800	11.20	6.20	12.80	241	5800	10.89	2.41	11.15	257
3825	7.63	8.46	11.39	222	4825	11.00	6.65	12.85	239	5825	10.88	2.37	11.13	258
3850	7.60	8.40	11.33	222	4850	11.12	6.49	12.88	240	5850	10.86	2.68	11.19	256
3875	7.77	8.41	11.45	223	4875	11.47	5.82	12.86	243	5875	10.86	2.95	11.25	255
3900	7.83	8.80	11.78	221	4900	11.51	5.60	12.80	244	5900	11.27	2.62	11.57	257
3925	7.81	9.21	12.08	220	4925	11.66	5.38	12.84	245	5925	11.59	2.18	11.79	259
3950	8.02	9.16	12.18	221	4950	11.34	5.47	12.59	244	5950	11.77	2.11	11.96	260
3975	8.27	9.34	12.48	221	4975	11.48	5.31	12.65	245	5975	11.83	2.30	12.05	259
4000	8.49	9.78	12.95	221	5000	11.58	4.89	12.56	247	6000	11.82	2.04	11.99	260
4025	8.53	9.85	13.03	221	5025	11.48	4.59	12.36	248	6025	11.90	2.07	12.08	260
4050	8.52	9.74	12.94	221	5050	11.32	4.82	12.30	247	6050	12.15	2.90	12.49	256
4075	8.47	9.59	12.80	221	5075	10.86	4.45	11.73	248	6075	12.28	3.26	12.70	255
4100	8.51	9.29	12.60	222	5100	10.77	3.95	11.47	250	6100	12.29	3.59	12.80	254
4125	8.51	9.20	12.53	223	5125	10.84	3.78	11.48	251	6125	12.36	4.02	13.00	252
4150	8.72	8.73	12.34	225	5150	11.21	3.34	11.70	253	6150	12.42	4.32	13.15	251
4175	8.85	8.60	12.34	226	5175	11.52	3.03	11.91	255	6175	12.57	4.64	13.40	250
4200	9.13	8.43	12.43	227	5200	11.83	2.66	12.13	257	6200	12.82	4.99	13.75	249
4225	9.46	8.17	12.50	229	5225	12.19	2.15	12.38	260	6225	12.97	5.44	14.06	247
4250	9.60	8.06	12.53	230	5250	12.11	2.07	12.29	260	6250	13.24	5.31	14.27	248
4275	9.48	7.81	12.28	230	5275	11.83	2.05	12.01	260	6275	12.92	5.78	14.16	246
4300	9.15	7.98	12.14	229	5300	11.57	2.10	11.76	260	6300	12.77	5.94	14.08	245
4325	9.61	7.40	12.13	232	5325	11.44	2.32	11.67	258	6325	13.43	5.87	14.66	246
4350	9.61	7.51	12.20	232	5350	11.37	2.45	11.63	258	6350	13.74	6.48	15.19	245

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-62 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1998 03/24/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6375	13.71	6.45	15.15	245	7375	19.66	-1.68	19.74	275	8375	27.61	-0.68	27.62	271
6400	13.53	6.72	15.11	243	7400	19.29	-1.51	19.35	274	8400	27.61	-0.44	27.62	271
6425	13.56	6.78	15.16	243	7425	19.64	-1.21	19.67	273	8425	27.73	0.02	27.73	270
6450	13.77	6.82	15.37	243	7450	19.99	-0.83	20.01	272	8450	28.00	-0.33	28.00	271
6475	14.19	6.72	15.71	244	7475	20.01	-0.55	20.02	271	8475	27.73	-0.64	27.73	271
6500	14.73	6.49	16.09	246	7500	20.41	-0.37	20.41	271	8500	27.38	-1.02	27.40	272
6525	14.89	6.25	16.15	247	7525	20.96	0.20	20.96	269	8525	27.67	-1.61	27.71	273
6550	14.98	6.03	16.15	248	7550	21.22	0.33	21.22	269	8550	27.99	-2.33	28.09	275
6575	15.45	5.97	16.57	249	7575	21.26	0.32	21.26	269	8575	27.97	-2.90	28.12	276
6600	15.97	5.53	16.90	251	7600	21.63	0.50	21.63	268	8600	27.94	-3.21	28.12	276
6625	16.43	4.97	17.16	253	7625	21.78	0.75	21.79	268	8625	28.18	-3.59	28.41	277
6650	17.13	3.99	17.58	257	7650	21.79	0.61	21.80	268	8650	28.21	-4.23	28.53	278
6675	17.61	3.24	17.91	259	7675	22.12	0.18	22.12	269	8675	27.73	-4.46	28.09	279
6700	17.90	2.59	18.09	262	7700	22.44	0.78	22.45	268	8700	27.04	-4.17	27.36	279
6725	18.23	1.55	18.30	265	7725	22.65	0.91	22.67	268	8725	28.31	-4.85	28.72	280
6750	18.37	1.03	18.40	267	7750	22.95	0.97	22.98	267	8750	28.71	-5.49	29.23	281
6775	18.36	0.69	18.37	268	7775	23.10	1.39	23.14	266	8775	27.11	-5.12	27.59	281
6800	18.31	0.35	18.32	269	7800	23.31	1.25	23.34	267	8800	26.95	-4.60	27.34	280
6825	18.57	0.00	18.57	270	7825	23.47	1.13	23.49	267	8825	26.80	-4.87	27.24	280
6850	18.80	-0.33	18.80	271	7850	23.23	0.97	23.25	267	8850	26.87	-4.97	27.32	280
6875	18.49	-0.51	18.50	271	7875	23.17	0.49	23.18	269	8875	26.70	-4.86	27.14	280
6900	18.30	-0.72	18.32	272	7900	23.67	0.17	23.67	269	8900	26.74	-4.40	27.10	279
6925	18.66	-1.24	18.70	274	7925	24.29	-0.19	24.29	270	8925	27.18	-4.33	27.52	279
6950	18.80	-1.55	18.87	275	7950	24.66	-0.28	24.66	270	8950	27.68	-4.41	28.03	279
6975	19.02	-1.73	19.09	275	7975	24.64	-0.06	24.64	270	8975	27.69	-3.75	27.95	278
7000	19.36	-2.27	19.49	276	8000	24.63	-0.14	24.63	270	9000	27.22	-3.40	27.43	277
7025	19.46	-2.59	19.63	277	8025	24.78	-0.43	24.78	271	9025	27.20	-3.76	27.46	278
7050	19.44	-2.85	19.65	278	8050	24.83	-0.62	24.84	271	9050	27.23	-3.71	27.48	278
7075	19.83	-3.27	20.10	279	8075	25.18	-0.81	25.20	272	9075	27.22	-3.54	27.44	277
7100	20.24	-3.33	20.51	279	8100	25.55	-0.93	25.56	272	9100	27.78	-3.24	27.97	276
7125	20.33	-3.10	20.57	278	8125	25.78	-1.09	25.81	272	9125	28.19	-3.17	28.37	276
7150	20.28	-2.89	20.48	278	8150	25.87	-1.15	25.90	272	9150	28.68	-3.20	28.86	276
7175	20.28	-2.75	20.46	278	8175	25.94	-1.09	25.96	272	9175	29.20	-2.85	29.33	275
7200	20.13	-2.41	20.27	277	8200	26.22	-1.13	26.24	272	9200	29.82	-2.79	29.96	275
7225	20.01	-2.11	20.12	276	8225	26.37	-1.41	26.40	273	9225	30.60	-2.81	30.73	275
7250	20.19	-2.15	20.30	276	8250	26.23	-1.46	26.27	273	9250	31.27	-2.80	31.40	275
7275	19.96	-2.07	20.07	276	8275	26.43	-1.24	26.46	273	9275	31.76	-2.66	31.87	275
7300	19.57	-1.95	19.66	275	8300	26.68	-1.02	26.70	272	9300	32.36	-2.26	32.43	274
7325	19.67	-1.90	19.76	275	8325	26.93	-0.80	26.95	272	9325	32.84	-1.85	32.89	273
7350	19.77	-1.76	19.85	275	8350	27.33	-0.70	27.34	271	9350	33.28	-1.67	33.32	273

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1998 03/24/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9375	33.72	-1.58	33.75	273	10375	35.86	-2.54	35.95	274	11375	38.26	3.14	38.39	265
9400	33.68	-1.46	33.72	272	10400	35.55	-2.62	35.64	274	11400	38.67	3.70	38.84	264
9425	33.58	-1.36	33.61	272	10425	35.08	-2.54	35.17	274	11425	38.97	3.62	39.14	265
9450	34.02	-1.46	34.05	272	10450	34.62	-2.22	34.70	273	11450	38.97	3.63	39.14	264
9475	34.40	-1.63	34.44	273	10475	34.34	-2.18	34.41	273	11475	39.18	3.30	39.32	265
9500	34.22	-1.50	34.25	272	10500	33.85	-2.63	33.95	274	11500	39.31	3.28	39.45	265
9525	34.27	-1.70	34.32	273	10525	33.52	-2.93	33.65	275	11525	39.63	3.14	39.75	265
9550	34.43	-1.85	34.48	273	10550	33.72	-2.83	33.84	275	11550	39.89	2.74	39.98	266
9575	34.49	-1.70	34.53	273	10575	34.13	-3.19	34.28	275	11575	39.81	3.13	39.94	265
9600	34.57	-1.78	34.61	273	10600	34.27	-3.12	34.42	275	11600	40.17	2.75	40.26	266
9625	34.67	-1.68	34.71	273	10625	34.44	-3.09	34.58	275	11625	40.44	2.20	40.50	267
9650	34.67	-1.62	34.71	272	10650	34.62	-3.81	34.82	276	11650	40.28	2.62	40.37	266
9675	34.47	-1.77	34.52	273	10675	34.97	-4.31	35.23	277	11675	40.10	2.58	40.19	266
9700	34.68	-2.24	34.75	274	10700	34.80	-3.62	34.99	276	11700	40.27	1.88	40.31	267
9725	34.92	-2.58	35.02	274	10725	34.21	-3.22	34.36	275	11725	40.17	2.01	40.22	267
9750	34.75	-2.45	34.84	274	10750	34.32	-3.49	34.49	276	11750	40.12	1.65	40.16	267
9775	34.76	-2.25	34.84	274	10775	34.52	-3.52	34.70	276	11775	40.46	0.86	40.47	269
9800	35.03	-2.33	35.10	274	10800	34.64	-3.84	34.85	276	11800	40.64	0.20	40.64	270
9825	35.03	-2.64	35.13	274	10825	34.64	-3.65	34.83	276	11825	40.80	0.55	40.81	269
9850	34.93	-2.59	35.02	274	10850	34.51	-3.34	34.67	275	11850	40.97	0.97	40.98	268
9875	35.10	-2.37	35.18	274	10875	34.54	-3.15	34.68	275	11875	40.83	0.42	40.83	269
9900	35.39	-2.52	35.48	274	10900	34.56	-3.03	34.69	275	11900	40.71	-0.40	40.72	270
9925	35.58	-2.68	35.68	274	10925	34.45	-2.89	34.57	275	11925	40.73	-1.42	40.76	272
9950	35.79	-2.94	35.91	275	10950	35.07	-3.01	35.20	275	11950	40.76	-1.54	40.79	272
9975	35.84	-2.99	35.97	275	10975	35.56	-3.12	35.69	275	11975	40.68	-1.72	40.72	272
10000	35.79	-2.61	35.89	274	11000	35.58	-2.57	35.67	274	12000	40.32	-2.12	40.38	273
10025	36.02	-2.53	36.11	274	11025	36.25	-2.42	36.33	274	12025	40.37	-2.17	40.43	273
10050	36.32	-2.75	36.42	274	11050	36.66	-2.58	36.75	274	12050	39.91	-2.11	39.97	273
10075	36.61	-2.93	36.73	274	11075	36.76	-1.90	36.80	273	12075	38.97	-2.03	39.02	273
10100	36.58	-2.78	36.69	274	11100	37.23	-1.40	37.26	272	12100	38.47	-2.32	38.54	273
10125	36.53	-2.87	36.65	274	11125	37.14	-0.96	37.16	271	12125	38.12	-2.34	38.19	273
10150	36.67	-2.97	36.79	274	11150	37.47	-1.17	37.49	272	12150	37.64	-2.66	37.73	274
10175	36.78	-2.54	36.86	274	11175	37.97	-1.77	38.01	272	12175	37.36	-2.86	37.47	274
10200	37.41	-2.73	37.51	274	11200	38.24	-1.04	38.25	271	12200	37.10	-2.68	37.19	274
10225	37.72	-2.96	37.84	274	11225	38.13	-0.15	38.13	270	12225	36.73	-2.46	36.81	274
10250	37.03	-2.54	37.12	274	11250	38.04	0.28	38.04	269	12250	36.58	-2.33	36.65	273
10275	36.71	-2.44	36.79	274	11275	38.04	0.60	38.05	269	12275	36.44	-2.17	36.50	273
10300	36.96	-2.49	37.04	274	11300	37.88	1.59	37.91	267	12300	36.55	-1.80	36.59	273
10325	36.55	-2.55	36.64	274	11325	37.87	2.68	37.97	266	12325	36.66	-2.09	36.72	273
10350	36.16	-2.65	36.26	274	11350	38.05	2.75	38.15	266	12350	36.55	-2.41	36.63	274

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-62 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1998 03/24/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12375	36.59	-2.32	36.66	273	13375	37.93	-6.26	38.44	279					
12400	36.94	-1.66	36.98	272	13400	37.65	-6.29	38.17	279					
12425	36.72	-1.59	36.76	272	13425	36.76	-6.33	37.30	280					
12450	36.07	-2.34	36.14	274	13450	37.11	-5.62	37.54	278					
12475	36.35	-2.28	36.42	273	13475	36.94	-5.42	37.34	278					
12500	36.21	-2.01	36.27	273	13500	36.50	-5.69	36.94	279					
12525	36.26	-1.61	36.30	272	13525	36.10	-4.50	36.38	277					
12550	36.64	-1.64	36.68	272										
12575	36.75	-2.10	36.81	273										
12600	36.71	-2.42	36.79	274										
12625	36.62	-1.91	36.67	273										
12650	36.88	-2.17	36.95	273										
12675	36.75	-2.36	36.83	273										
12700	36.69	-2.34	36.76	273										
12725	36.64	-2.80	36.75	274										
12750	36.55	-3.07	36.68	275										
12775	36.77	-3.26	36.91	275										
12800	36.59	-3.34	36.74	275										
12825	37.10	-3.68	37.28	275										
12850	36.94	-4.10	37.17	276										
12875	36.67	-4.87	36.99	277										
12900	36.92	-4.76	37.23	277										
12925	36.90	-4.37	37.16	277										
12950	36.85	-4.59	37.13	277										
12975	37.01	-4.94	37.34	277										
13000	36.91	-3.24	37.05	275										
13025	36.49	-2.72	36.59	274										
13050	36.30	-3.48	36.46	275										
13075	36.11	-1.99	36.17	273										
13100	36.38	-2.17	36.44	273										
13125	36.96	-3.29	37.10	275										
13150	37.30	-3.51	37.46	275										
13175	37.91	-3.76	38.09	275										
13200	38.00	-4.18	38.23	276										
13225	37.88	-5.34	38.25	278										
13250	38.61	-5.83	39.05	278										
13275	38.62	-6.17	39.11	279										
13300	37.50	-5.48	37.90	278										
13325	37.85	-5.83	38.30	279										
13350	37.98	-6.18	38.48	279										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-63

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1997 03/24/65, 0112Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4075	12.40	-1.38	12.47	276	5075	16.02	-4.18	16.56	284	6075	16.85	-10.61	19.91	302
4100	12.13	-1.25	12.20	276	5100	15.94	-4.36	16.53	285	6100	17.14	-10.90	20.31	302
4125	11.92	-1.08	11.97	275	5125	15.98	-4.50	16.60	286	6125	17.55	-11.36	20.90	303
4150	11.77	-1.07	11.82	275	5150	15.96	-4.64	16.62	286	6150	17.82	-11.64	21.29	303
4175	11.90	-1.16	11.96	275	5175	15.85	-4.91	16.59	287	6175	18.05	-11.85	21.59	303
4200	12.01	-1.02	12.06	275	5200	15.92	-5.11	16.72	288	6200	18.09	-11.90	21.66	303
4225	11.92	-0.82	11.95	274	5225	16.17	-5.32	17.02	288	6225	17.97	-12.06	21.64	304
4250	11.76	-0.77	11.79	274	5250	16.14	-5.61	17.09	289	6250	17.80	-12.37	21.68	305
4275	11.65	-0.71	11.67	273	5275	16.14	-5.90	17.19	290	6275	17.60	-12.66	21.68	306
4300	11.61	-0.74	11.63	273	5300	16.25	-6.13	17.37	290	6300	17.59	-12.80	21.75	306
4325	11.69	-0.69	11.71	273	5325	16.24	-6.24	17.39	291	6325	17.54	-12.94	21.79	306
4350	11.77	-0.58	11.78	273	5350	16.41	-6.28	17.57	291	6350	17.30	-13.24	21.79	307
4375	11.75	-0.66	11.77	273	5375	16.64	-6.47	17.85	291	6375	17.13	-13.50	21.81	308
4400	11.79	-0.89	11.83	274	5400	16.72	-6.93	18.10	292	6400	17.11	-13.53	21.81	308
4425	11.88	-1.15	11.94	275	5425	16.74	-7.64	18.40	294	6425	17.13	-13.55	21.84	308
4450	12.03	-1.16	12.08	275	5450	16.62	-8.47	18.66	297	6450	17.15	-13.43	21.78	308
4475	12.09	-1.15	12.15	275	5475	16.61	-9.01	18.89	298	6475	17.13	-13.19	21.61	307
4500	12.09	-1.24	12.15	276	5500	16.49	-9.38	18.97	299	6500	17.09	-12.92	21.43	307
4525	12.16	-1.32	12.23	276	5525	16.23	-9.64	18.87	301	6525	17.19	-12.61	21.31	306
4550	12.42	-1.49	12.51	277	5550	15.93	-9.74	18.67	301	6550	17.17	-12.29	21.12	305
4575	12.71	-1.61	12.81	277	5575	15.47	-9.90	18.37	302	6575	17.14	-12.06	20.96	305
4600	12.79	-1.75	12.91	278	5600	15.04	-10.00	18.06	303	6600	17.46	-11.81	21.08	304
4625	12.82	-2.11	12.99	279	5625	14.80	-9.86	17.79	304	6625	17.54	-11.62	21.04	303
4650	12.96	-2.61	13.22	281	5650	14.73	-9.80	17.70	303	6650	17.41	-11.59	20.92	303
4675	13.05	-2.86	13.36	282	5675	14.78	-10.09	17.90	304	6675	17.34	-11.39	20.75	303
4700	13.29	-3.02	13.63	283	5700	15.11	-10.43	18.36	304	6700	17.36	-11.12	20.61	302
4725	13.90	-3.48	14.33	284	5725	15.51	-10.65	18.82	304	6725	17.79	-10.94	20.89	301
4750	14.41	-3.84	14.92	285	5750	15.49	-10.94	18.96	305	6750	18.15	-11.05	21.25	301
4775	14.96	-3.94	15.47	285	5775	15.20	-11.29	18.93	306	6775	18.59	-11.37	21.79	301
4800	15.52	-3.90	16.00	284	5800	15.26	-11.42	19.06	307	6800	19.18	-11.66	22.45	301
4825	15.86	-3.73	16.29	283	5825	15.43	-11.49	19.24	307	6825	19.53	-11.86	22.85	301
4850	16.05	-3.71	16.48	283	5850	15.53	-11.60	19.38	307	6850	19.68	-11.80	22.95	301
4875	16.25	-3.73	16.67	283	5875	15.90	-11.63	19.70	306	6875	19.89	-11.70	23.08	300
4900	16.30	-3.84	16.75	283	5900	16.21	-11.64	19.96	306	6900	20.18	-11.59	23.27	300
4925	16.12	-4.01	16.61	284	5925	16.41	-11.58	20.09	305	6925	20.51	-11.28	23.41	299
4950	16.24	-4.09	16.74	284	5950	16.51	-11.43	20.08	305	6950	20.81	-10.98	23.53	298
4975	16.37	-4.19	16.90	284	5975	16.41	-11.10	19.81	304	6975	20.93	-10.62	23.47	297
5000	16.32	-4.26	16.87	284	6000	16.54	-10.69	19.69	303	7000	20.98	-10.41	23.42	296
5025	16.29	-4.23	16.83	284	6025	16.83	-10.69	19.93	302	7025	21.15	-10.57	23.64	296
5050	16.22	-4.15	16.74	284	6050	16.89	-10.78	20.04	302	7050	21.34	-10.59	23.82	296

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 1997 03/24/65, 0112Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7075	21.63	-10.36	23.98	295	8075	27.51	-6.48	28.27	283	9075	31.34	-9.91	32.87	287
7100	22.05	-10.30	24.34	295	8100	27.66	-6.60	28.43	283	9100	30.79	-10.38	32.49	288
7125	22.16	-10.23	24.41	295	8125	27.96	-6.60	28.73	283	9125	30.40	-10.46	32.15	289
7150	22.57	-10.18	24.76	294	8150	27.98	-6.71	28.77	283	9150	30.14	-10.30	31.86	289
7175	23.15	-10.32	25.34	294	8175	27.96	-6.81	28.77	284	9175	29.79	-10.67	31.65	290
7200	23.16	-10.10	25.26	293	8200	28.13	-6.91	28.96	284	9200	29.55	-10.83	31.47	290
7225	23.20	-9.76	25.17	293	8225	28.31	-6.84	29.13	283	9225	29.31	-10.80	31.23	290
7250	23.34	-9.41	25.17	292	8250	28.38	-6.71	29.16	283	9250	29.18	-10.81	31.11	290
7275	23.40	-9.08	25.10	291	8275	28.44	-6.92	29.27	284	9275	29.12	-10.81	31.06	290
7300	23.20	-8.89	24.85	291	8300	28.64	-6.98	29.47	284	9300	29.06	-10.68	30.96	290
7325	23.28	-8.51	24.79	290	8325	28.69	-6.91	29.51	283	9325	29.15	-10.39	30.94	289
7350	23.51	-8.12	24.87	289	8350	28.84	-6.98	29.67	283	9350	29.23	-10.52	31.07	290
7375	23.97	-8.14	25.32	289	8375	29.12	-7.08	29.97	283	9375	28.99	-10.16	30.72	289
7400	24.56	-7.67	25.72	287	8400	29.30	-7.14	30.16	284	9400	28.62	-9.70	30.22	289
7425	24.80	-7.00	25.77	286	8425	29.34	-7.15	30.20	284	9425	28.37	-9.58	29.94	288
7450	25.23	-6.61	26.08	285	8450	29.24	-7.17	30.11	284	9450	28.18	-9.46	29.72	288
7475	25.46	-5.94	26.15	283	8475	29.24	-7.28	30.14	284	9475	28.03	-9.51	29.60	289
7500	25.41	-5.58	26.02	282	8500	29.37	-7.37	30.28	284	9500	27.81	-9.32	29.33	288
7525	25.69	-5.46	26.26	282	8525	29.42	-7.44	30.35	284	9525	27.48	-9.32	29.01	289
7550	25.97	-5.48	26.55	282	8550	29.42	-7.52	30.37	284	9550	27.25	-9.27	28.78	289
7575	26.14	-5.34	26.68	281	8575	29.42	-7.67	30.41	284	9575	27.03	-8.86	28.45	288
7600	26.24	-5.08	26.72	281	8600	29.42	-8.11	30.52	285	9600	27.04	-8.43	28.32	287
7625	26.29	-5.03	26.76	281	8625	29.42	-8.38	30.59	286	9625	27.11	-8.17	28.32	287
7650	26.67	-5.02	27.14	280	8650	29.49	-8.34	30.64	286	9650	26.99	-8.31	28.24	287
7675	26.89	-4.90	27.33	280	8675	29.54	-8.46	30.73	286	9675	26.96	-8.06	28.14	286
7700	26.98	-4.57	27.37	279	8700	29.76	-8.61	30.98	286	9700	27.09	-7.75	28.18	286
7725	27.00	-4.69	27.41	280	8725	29.90	-8.67	31.13	286	9725	27.15	-7.82	28.26	286
7750	26.96	-4.97	27.41	280	8750	29.93	-8.75	31.18	286	9750	27.05	-7.81	28.16	286
7775	27.19	-5.04	27.65	280	8775	30.16	-8.75	31.40	286	9775	27.24	-7.65	28.29	286
7800	27.24	-5.07	27.70	280	8800	30.12	-8.79	31.37	286	9800	27.40	-7.31	28.35	285
7825	27.06	-5.06	27.52	280	8825	29.93	-9.12	31.29	287	9825	27.20	-7.61	28.24	285
7850	27.00	-5.27	27.51	281	8850	29.85	-9.35	31.28	287	9850	27.16	-7.84	28.27	286
7875	27.09	-5.46	27.64	281	8875	29.74	-9.37	31.18	287	9875	27.28	-7.76	28.37	286
7900	27.22	-5.52	27.77	281	8900	29.89	-9.29	31.30	287	9900	27.57	-7.65	28.62	285
7925	27.23	-5.59	27.80	281	8925	29.97	-9.29	31.37	287	9925	27.89	-7.22	28.81	284
7950	27.22	-5.77	27.83	282	8950	30.10	-9.27	31.49	287	9950	27.96	-7.50	28.95	285
7975	27.21	-6.15	27.89	283	8975	30.57	-9.37	31.98	287	9975	27.93	-7.86	29.02	286
8000	27.42	-6.47	28.17	283	9000	31.05	-9.39	32.44	287	10000	27.98	-7.87	29.07	286
8025	27.51	-6.54	28.28	283	9025	31.26	-9.51	32.68	287	10025	28.10	-7.87	29.18	285
8050	27.45	-6.46	28.20	283	9050	31.41	-9.76	32.89	287	10050	28.23	-7.85	29.30	285

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-63 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1997 03/24/65, 0112Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10075	28.43	-7.85	29.49	285	11075	35.14	-9.31	36.35	285	12075	45.14	-11.95	46.69	285
10100	28.62	-7.92	29.70	285	11100	35.01	-9.34	36.24	285	12100	45.70	-12.50	47.37	285
10125	29.00	-7.59	29.98	284	11125	35.12	-9.13	36.29	284	12125	46.29	-13.14	48.12	286
10150	29.23	-7.35	30.14	284	11150	35.08	-9.35	36.30	285	12150	46.58	-13.34	48.45	286
10175	29.26	-7.69	30.25	285	11175	35.14	-9.31	36.35	285	12175	46.53	-13.28	48.39	286
10200	29.45	-8.04	30.52	285	11200	34.95	-9.70	36.27	285	12200	46.39	-13.74	48.38	286
10225	29.77	-7.66	30.74	284	11225	35.54	-9.51	36.79	285	12225	46.24	-13.92	48.29	287
10250	29.98	-7.28	30.85	283	11250	36.20	-9.17	37.35	284	12250	46.28	-13.43	48.19	286
10275	29.96	-7.31	30.84	284	11275	36.18	-9.78	37.48	285	12275	46.17	-13.56	48.12	286
10300	29.81	-7.23	30.67	283	11300	36.41	-10.15	37.80	285	12300	46.17	-14.03	48.25	287
10325	29.81	-7.20	30.67	283	11325	36.61	-10.56	38.10	286	12325	46.16	-14.16	48.29	287
10350	29.96	-7.05	30.78	283	11350	36.69	-10.86	38.27	286	12350	46.03	-13.38	47.93	286
10375	29.79	-6.94	30.59	283	11375	36.84	-10.58	38.33	286	12375	46.11	-13.34	48.00	286
10400	29.68	-6.93	30.48	283	11400	36.88	-10.28	38.29	285	12400	46.14	-14.34	48.32	287
10425	29.88	-6.98	30.68	283	11425	36.76	-10.79	38.31	286	12425	46.34	-14.08	48.43	287
10450	30.26	-7.05	31.06	283	11450	36.90	-11.10	38.53	287	12450	46.34	-13.65	48.31	286
10475	30.67	-7.26	31.52	283	11475	37.41	-11.14	39.03	286	12475	46.20	-13.64	48.17	286
10500	30.84	-7.34	31.70	283	11500	37.92	-11.64	39.67	287	12500	46.20	-13.78	48.21	286
10525	30.93	-7.58	31.85	284	11525	38.32	-11.71	40.07	287	12525	46.29	-13.95	48.34	287
10550	30.98	-7.64	31.91	284	11550	38.28	-11.93	40.09	287	12550	46.19	-13.26	48.06	286
10575	31.02	-7.36	31.88	283	11575	38.64	-11.93	40.44	287	12575	45.74	-13.47	47.68	286
10600	31.11	-7.62	32.03	284	11600	39.06	-11.68	40.77	286	12600	45.83	-14.12	47.95	287
10625	31.28	-8.07	32.31	284	11625	39.19	-11.69	40.90	286	12625	46.48	-13.31	48.35	286
10650	31.48	-8.22	32.53	284	11650	39.43	-11.78	41.15	286	12650	46.51	-12.74	48.22	285
10675	31.71	-8.20	32.76	284	11675	39.59	-11.91	41.35	287	12675	46.41	-12.12	47.97	284
10700	31.96	-8.45	33.06	285	11700	39.86	-12.03	41.64	287	12700	46.33	-11.74	47.80	284
10725	32.13	-8.66	33.28	285	11725	40.34	-11.91	42.06	286	12725	46.06	-11.76	47.54	284
10750	32.53	-8.83	33.71	285	11750	40.72	-11.54	42.32	286	12750	46.07	-11.41	47.46	284
10775	33.00	-8.79	34.16	285	11775	40.81	-11.23	42.33	285	12775	46.22	-11.45	47.62	284
10800	33.01	-8.78	34.16	285	11800	40.95	-11.35	42.49	285	12800	46.26	-11.98	47.78	284
10825	33.42	-9.01	34.62	285	11825	41.29	-11.80	42.94	286	12825	46.17	-12.13	47.74	285
10850	34.04	-9.26	35.28	285	11850	41.38	-12.00	43.09	286	12850	46.18	-12.10	47.74	284
10875	34.42	-9.22	35.63	285	11875	41.50	-11.93	43.18	286	12875	46.12	-12.63	47.82	285
10900	34.53	-9.32	35.76	285	11900	42.26	-11.99	43.93	286	12900	45.61	-13.54	47.57	286
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10950	34.33	-9.02	35.49	285	11950	43.60	-12.51	45.36	286	12950	42.90	-16.00	45.78	290
10975	34.55	-8.80	35.66	284	11975	43.41	-11.75	44.98	285	12975	41.71	-16.15	44.73	291
11000	34.79	-8.90	35.91	284	12000	43.85	-11.85	45.42	285	13000	41.06	-16.00	44.06	291
11025	34.79	-8.90	35.91	284	12025	44.04	-12.11	45.67	285	13025	40.68	-16.25	43.81	292
11050	35.10	-8.85	36.20	284	12050	44.67	-12.02	46.26	285	13050	39.95	-16.68	43.29	292

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1997 03/24/65, 0112Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13075	39.69	-16.99	43.17	293	14075	35.91	-10.17	37.32	286	15075	43.74	-8.55	44.57	281
13100	40.06	-16.60	43.37	292	14100	36.22	-9.65	37.48	285	15100	43.86	-9.44	44.86	282
13125	39.77	-16.79	43.17	293	14125	36.42	-9.68	37.68	285	15125	44.07	-10.43	45.29	283
13150	39.53	-16.96	43.01	293	14150	36.52	-9.00	37.61	284	15150	44.50	-11.46	45.95	284
13175	39.24	-16.66	42.63	293	14175	36.54	-8.04	37.41	282	15175	44.99	-12.45	46.68	285
13200	38.67	-16.91	42.20	293	14200	36.44	-7.40	37.18	281	15200	45.04	-14.37	47.27	288
13225	38.86	-16.86	42.36	293	14225	36.24	-6.37	36.79	280	15225	45.15	-15.43	47.71	289
13250	39.05	-17.38	42.74	294	14250	35.91	-5.80	36.37	279	15250	44.95	-15.37	47.51	289
13275	39.54	-17.33	43.17	293	14275	35.95	-5.48	36.37	278	15275	44.49	-15.52	47.12	289
13300	39.47	-17.00	42.98	293	14300	36.08	-5.08	36.44	278	15300	44.41	-15.92	47.18	290
13325	38.71	-17.23	42.37	294	14325	35.96	-4.23	36.21	277	15325	44.37	-15.37	46.96	289
13350	38.25	-17.47	42.05	294	14350	36.05	-3.38	36.20	275	15350	43.99	-14.47	46.31	288
13375	38.00	-17.54	41.85	295	14375	36.13	-1.89	36.18	273	15375	43.24	-15.21	45.84	289
13400	38.11	-18.15	42.21	295	14400	36.33	-0.61	36.33	271	15400	43.06	-14.79	45.52	289
13425	38.38	-17.55	42.20	294	14425	36.53	0.12	36.53	270	15425	43.10	-14.11	45.35	288
13450	37.89	-17.61	41.78	295	14450	37.02	0.45	37.02	269	15450	42.72	-14.18	45.01	288
13475	37.04	-18.39	41.35	296	14475	37.50	0.45	37.50	269	15475	42.57	-14.01	44.82	288
13500	36.58	-18.29	40.90	296	14500	37.57	-0.52	37.57	271	15500	42.64	-13.98	44.87	288
13525	36.28	-18.11	40.55	296	14525	37.87	-1.01	37.88	271	15525	42.52	-13.38	44.57	287
13550	35.66	-18.15	40.02	297	14550	38.49	-0.92	38.50	271	15550	42.31	-13.57	44.43	288
13575	35.66	-17.83	39.87	296	14575	38.77	-1.68	38.81	272	15575	41.99	-13.84	44.21	288
13600	35.27	-17.75	39.48	297	14600	39.15	-1.84	39.19	273	15600	41.59	-13.98	43.88	288
13625	34.29	-17.32	38.42	297	14625	39.32	-2.21	39.38	273	15625	41.28	-13.97	43.58	289
13650	34.46	-16.45	38.18	295	14650	39.57	-3.39	39.72	275	15650	41.00	-13.72	43.23	288
13675	34.58	-16.44	38.29	295	14675	40.10	-3.77	40.27	275	15675	41.10	-13.67	43.31	288
13700	34.29	-16.30	37.96	295	14700	40.85	-4.52	41.10	276	15700	41.13	-12.68	43.04	287
13725	33.79	-16.45	37.59	296	14725	42.50	-4.90	42.78	276	15725	40.24	-13.34	42.40	288
13750	33.38	-15.74	36.90	295	14750	43.64	-4.98	43.92	276	15750	39.75	-12.83	41.77	288
13775	33.30	-15.32	36.66	295	14775	44.19	-5.10	44.49	276	15775	39.44	-11.74	41.15	286
13800	33.24	-15.03	36.48	294	14800	44.11	-5.43	44.44	277	15800	39.32	-11.42	40.95	286
13825	33.43	-14.71	36.52	294	14825	44.45	-5.10	44.74	276	15825	39.69	-10.20	40.98	284
13850	32.96	-14.10	35.85	293	14850	45.08	-4.72	45.33	276	15850	39.97	-9.30	41.03	283
13875	33.26	-13.05	35.73	291	14875	45.25	-4.96	45.52	276	15875	39.97	-8.91	40.95	282
13900	33.69	-12.67	36.00	290	14900	45.42	-5.13	45.71	276	15900	39.81	-8.54	40.72	282
13925	33.44	-12.05	35.55	290	14925	45.59	-5.57	45.93	277	15925	40.23	-7.26	40.88	280
13950	34.17	-12.15	36.26	289	14950	45.52	-6.22	45.94	278	15950	40.01	-7.55	40.72	281
13975	34.96	-10.99	36.64	287	14975	45.18	-6.87	45.70	278	15975	39.93	-7.64	40.65	281
14000	35.11	-10.70	36.70	287	15000	44.73	-6.86	45.25	279	16000	39.85	-7.72	40.59	281
14025	35.44	-10.74	37.03	287	15025	44.43	-6.87	44.96	279	16025	40.14	-7.98	40.92	281
14050	35.73	-10.36	37.20	286	15050	44.14	-7.75	44.81	280	16050	41.39	-7.71	42.10	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-63 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1997 03/24/65, 0112Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16075	41.32	-8.01	42.09	281	17075	35.71	-13.41	38.15	290					
16100	39.67	-9.15	40.71	283	17100	35.33	-13.50	37.82	291					
16125	39.73	-8.85	40.71	282	17125	35.84	-12.53	37.97	289					
16150	39.26	-8.33	40.13	282	17150	35.97	-12.06	37.94	288					
16175	38.66	-8.46	39.57	282	17175	36.25	-11.75	38.10	288					
16200	38.88	-8.90	39.89	283	17200	36.71	-11.93	38.60	288					
16225	39.05	-8.70	40.01	282	17225	37.54	-11.73	39.33	287					
16250	38.93	-8.51	39.85	282	17250	37.47	-11.84	39.30	287					
16275	38.29	-8.07	39.13	282	17275	36.39	-12.57	38.50	289					
16300	37.66	-8.60	38.63	283	17300	35.54	-12.68	37.73	289					
16325	37.09	-8.82	38.12	283	17325	34.45	-13.27	36.91	291					
16350	36.66	-9.22	37.80	284	17350	33.23	-14.63	36.31	294					
16375	36.33	-9.67	37.59	285	17375	32.65	-14.34	35.66	294					
16400	36.21	-8.97	37.31	284	17400	31.99	-14.60	35.16	294					
16425	36.22	-8.94	37.31	284	17425	29.87	-16.64	34.19	299					
16450	36.28	-7.98	37.15	282	17450	29.49	-16.93	34.00	300					
16475	36.65	-7.31	37.37	281	17475	29.11	-17.21	33.81	300					
16500	36.82	-7.47	37.57	281	17500	28.68	-17.11	33.40	301					
16525	37.00	-7.59	37.77	281	17525	28.21	-17.45	33.17	302					
16550	36.97	-7.26	37.68	281	17550	27.32	-18.04	32.74	303					
16575	37.33	-6.23	37.84	279	17575	26.34	-17.79	31.79	304					
16600	37.61	-5.78	38.05	279	17600	24.94	-17.47	30.45	305					
16625	37.92	-5.37	38.30	278	17625	24.97	-16.32	29.83	303					
16650	38.10	-5.49	38.49	278	17650	24.90	-15.33	29.24	301					
16675	37.75	-6.39	38.29	279	17675	24.43	-13.70	28.01	299					
16700	37.52	-9.39	38.67	284	17700	24.56	-13.12	27.84	298					
16725	38.05	-9.78	39.29	284	17725	24.69	-12.53	27.69	297					
16750	38.09	-10.42	39.49	285	17750	24.82	-11.95	27.55	296					
16775	37.64	-10.64	39.12	286	17775	25.93	-9.79	27.72	291					
16800	37.26	-11.30	38.93	287	17800	26.18	-9.21	27.76	289					
16825	37.08	-11.58	38.85	287										
16850	36.84	-11.25	38.52	287										
16875	36.87	-11.61	38.66	287										
16900	36.31	-14.25	39.00	291										
16925	35.88	-15.21	38.97	293										
16950	35.53	-15.09	38.60	293										
16975	35.09	-15.05	38.18	293										
17000	35.46	-13.63	37.99	291										
17025	35.69	-13.88	38.29	291										
17050	35.97	-13.64	38.47	291										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-64

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1994 03/24/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	1.28	7.56	7.66	189	1225	2.02	4.40	4.85	205	2225	3.65	0.57	3.70	261
250	1.39	7.08	7.22	191	1250	2.36	4.32	4.92	208	2250	3.87	0.51	3.90	262
275	1.44	6.64	6.79	192	1275	2.81	4.15	5.01	214	2275	4.11	0.47	4.14	263
300	1.38	6.14	6.29	192	1300	2.91	3.89	4.86	217	2300	4.15	0.54	4.19	262
325	1.55	5.62	5.83	195	1325	2.69	3.63	4.52	216	2325	4.06	0.69	4.12	260
350	1.82	5.06	5.38	200	1350	2.54	3.22	4.10	218	2350	3.95	0.83	4.04	258
375	1.94	4.53	4.92	203	1375	2.60	2.64	3.71	224	2375	3.73	0.96	3.85	255
400	2.17	4.02	4.57	208	1400	2.62	2.20	3.42	230	2400	3.64	0.94	3.76	255
425	2.57	3.40	4.26	217	1425	2.64	1.76	3.17	236	2425	3.66	0.73	3.73	258
450	2.84	2.98	4.12	223	1450	2.77	1.35	3.08	244	2450	3.71	0.55	3.75	261
475	2.84	2.89	4.05	224	1475	2.81	1.17	3.05	247	2475	3.86	0.56	3.90	262
500	2.55	2.92	3.87	221	1500	2.83	1.30	3.11	245	2500	4.16	0.74	4.23	260
525	2.17	2.93	3.65	216	1525	2.81	1.56	3.21	241	2525	4.60	1.06	4.72	257
550	1.89	2.91	3.47	213	1550	2.83	1.62	3.27	240	2550	5.15	1.44	5.35	254
575	1.70	2.88	3.34	210	1575	2.99	1.45	3.32	244	2575	5.66	1.83	5.95	252
600	1.56	2.85	3.25	208	1600	3.21	1.26	3.45	248	2600	5.68	2.14	6.07	249
625	1.31	2.74	3.04	205	1625	3.50	1.23	3.71	250	2625	5.42	2.48	5.96	245
650	1.17	2.59	2.84	204	1650	3.78	1.17	3.95	253	2650	5.61	2.63	6.19	245
675	1.09	2.69	2.91	202	1675	4.09	1.12	4.24	254	2675	5.96	2.59	6.49	246
700	1.06	2.97	3.15	200	1700	4.25	1.12	4.40	255	2700	6.06	2.60	6.59	247
725	1.15	3.07	3.28	200	1725	4.31	1.10	4.45	255	2725	6.21	2.74	6.79	246
750	1.10	2.83	3.03	201	1750	4.45	1.19	4.61	255	2750	6.22	3.07	6.93	244
775	1.28	2.57	2.87	206	1775	4.52	1.11	4.65	256	2775	6.29	3.22	7.07	243
800	1.21	2.21	2.52	209	1800	4.37	0.82	4.45	259	2800	6.30	3.44	7.18	241
825	0.85	1.66	1.86	207	1825	4.04	0.66	4.10	261	2825	6.46	3.78	7.49	239
850	0.82	1.26	1.50	213	1850	3.91	0.58	3.95	261	2850	6.84	4.17	8.01	238
875	0.80	1.05	1.32	217	1875	3.97	0.58	4.01	261	2875	6.80	4.53	8.17	236
900	0.81	1.15	1.40	215	1900	3.95	0.70	4.01	260	2900	6.78	4.32	8.04	237
925	1.03	1.44	1.77	215	1925	4.04	0.85	4.13	258	2925	7.03	3.88	8.03	241
950	1.27	1.78	2.19	215	1950	4.18	1.00	4.29	256	2950	7.07	3.50	7.89	244
975	1.65	2.08	2.66	218	1975	4.07	1.01	4.19	256	2975	7.13	3.13	7.78	246
1000	2.03	2.03	2.87	225	2000	4.02	1.09	4.17	255	3000	7.35	2.85	7.88	249
1025	2.24	2.03	3.02	228	2025	3.89	1.14	4.05	253	3025	7.37	2.63	7.83	250
1050	2.20	2.38	3.24	223	2050	3.70	1.25	3.90	251	3050	7.06	2.43	7.47	251
[illegible]														
1100	1.56	3.38	3.72	205	2100	3.70	1.60	4.03	246	3100	7.10	1.95	7.36	254
1125	1.40	3.80	4.05	200	2125	3.77	1.66	4.11	246	3125	6.84	1.69	7.05	256
1150	1.28	4.11	4.30	197	2150	3.67	1.45	3.95	248	3150	6.79	1.28	6.91	259
1175	1.36	4.27	4.48	197	2175	3.49	1.03	3.64	253	3175	6.92	0.68	6.96	264
1200	1.66	4.39	4.69	200	2200	3.51	0.72	3.59	258	3200	7.10	0.08	7.10	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1994 03/24/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	7.25	-0.42	7.26	273	4225	7.04	0.91	7.10	262	5225	13.72	-3.55	14.17	284
3250	7.36	-0.81	7.40	276	4250	7.17	0.95	7.23	262	5250	13.80	-3.81	14.31	285
3275	7.46	-1.12	7.55	278	4275	7.34	1.04	7.41	262	5275	13.74	-4.22	14.38	287
3300	7.63	-1.23	7.73	279	4300	7.58	1.23	7.67	261	5300	13.85	-4.54	14.57	288
3325	7.81	-1.30	7.91	279	4325	7.73	1.45	7.86	259	5325	13.71	-4.67	14.49	289
3350	7.93	-1.39	8.05	280	4350	7.78	1.65	7.95	258	5350	13.39	-4.81	14.23	290
3375	7.83	-1.49	7.97	281	4375	7.91	1.82	8.11	257	5375	13.32	-4.89	14.19	290
3400	7.86	-1.45	8.00	280	4400	7.97	2.05	8.22	255	5400	13.42	-5.06	14.34	290
3425	8.05	-1.36	8.16	279	4425	7.96	2.18	8.26	255	5425	13.64	-5.03	14.54	290
3450	8.21	-1.32	8.31	279	4450	7.99	2.30	8.32	254	5450	13.84	-4.68	14.61	289
3475	8.49	-1.33	8.60	279	4475	7.94	2.35	8.28	253	5475	14.04	-4.52	14.75	288
3500	8.71	-1.28	8.81	278	4500	7.87	2.31	8.21	253	5500	14.42	-4.35	15.06	287
3525	8.88	-1.11	8.95	277	4525	8.00	2.35	8.33	253	5525	14.63	-3.98	15.16	285
3550	8.83	-1.00	8.89	276	4550	8.04	2.41	8.40	253	5550	14.72	-3.75	15.19	284
3575	8.49	-1.10	8.56	277	4575	7.94	2.41	8.30	253	5575	14.94	-3.50	15.34	283
3600	8.31	-1.44	8.44	280	4600	7.94	2.40	8.29	253	5600	15.09	-3.34	15.45	282
3625	8.22	-1.72	8.40	282	4625	8.17	2.45	8.53	253	5625	15.09	-3.09	15.41	281
3650	7.96	-1.92	8.19	283	4650	8.40	2.53	8.77	253	5650	15.25	-2.58	15.46	279
3675	7.86	-2.20	8.16	285	4675	8.57	2.60	8.95	253	5675	15.48	-2.25	15.65	278
3700	7.78	-2.39	8.14	287	4700	8.90	2.44	9.23	254	5700	15.58	-2.17	15.73	278
3725	7.72	-2.39	8.08	287	4725	9.24	2.22	9.51	256	5725	15.77	-2.04	15.90	277
3750	7.62	-2.37	7.98	287	4750	9.53	2.06	9.75	258	5750	16.23	-1.69	16.32	276
3775	7.37	-2.33	7.73	287	4775	9.87	1.99	10.07	258	5775	16.61	-1.39	16.67	275
3800	7.05	-2.21	7.38	287	4800	10.37	1.83	10.53	260	5800	16.93	-1.06	16.96	273
3825	6.64	-2.01	6.94	287	4825	10.78	1.66	10.91	261	5825	17.24	-0.67	17.25	272
3850	6.48	-2.00	6.78	287	4850	11.16	1.42	11.25	263	5850	17.14	-0.65	17.15	272
3875	6.38	-1.91	6.66	286	4875	11.53	1.23	11.59	264	5875	17.08	-0.52	17.09	272
3900	6.12	-1.65	6.34	285	4900	11.73	1.34	11.81	263	5900	17.03	-0.14	17.03	270
3925	6.08	-1.59	6.29	284	4925	11.90	1.42	11.98	263	5925	17.04	0.09	17.04	270
3950	6.19	-1.55	6.39	284	4950	12.05	1.39	12.13	263	5950	16.96	0.38	16.96	269
3975	6.24	-1.46	6.40	283	4975	12.25	1.17	12.31	264	5975	16.59	0.53	16.60	268
4000	6.28	-1.32	6.42	282	5000	12.48	0.76	12.51	266	6000	16.21	0.58	16.22	268
4025	6.25	-1.07	6.34	280	5025	12.70	0.51	12.71	268	6025	16.15	0.80	16.17	267
4050	6.23	-0.87	6.30	278	5050	12.81	0.46	12.82	268	6050	16.00	0.94	16.03	266
4075	6.43	-0.62	6.46	275	5075	12.75	0.39	12.76	268	6075	15.61	0.84	15.63	267
4100	6.72	-0.16	6.72	271	5100	12.72	0.16	12.72	269	6100	15.71	1.07	15.75	266
4125	6.76	0.27	6.76	268	5125	12.81	-0.44	12.82	272	6125	15.71	1.18	15.75	266
4150	6.65	0.69	6.68	264	5150	12.94	-1.26	13.00	275	6150	15.34	0.81	15.36	267
4175	6.73	0.98	6.80	262	5175	13.14	-2.01	13.30	278	6175	15.34	0.64	15.36	267
4200	6.93	0.96	6.99	262	5200	13.42	-2.82	13.71	282	6200	15.39	0.57	15.40	268

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-64 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1994 03/24/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	15.40	0.47	15.40	268	7225	16.48	-2.92	16.73	280	8225	26.71	-1.94	26.78	274
6250	15.45	0.67	15.47	267	7250	16.53	-3.10	16.82	280	8250	27.08	-1.70	27.14	273
6275	15.57	1.00	15.60	266	7275	16.60	-3.18	16.90	281	8275	27.42	-1.46	27.45	273
6300	15.59	1.00	15.62	266	7300	16.76	-3.37	17.09	281	8300	27.82	-1.46	27.86	273
6325	15.38	1.04	15.41	266	7325	17.12	-3.55	17.49	282	8325	27.98	-1.25	28.00	272
6350	15.19	1.24	15.24	265	7350	17.56	-3.57	17.92	281	8350	28.14	-0.98	28.16	272
6375	15.10	1.04	15.13	266	7375	17.89	-3.49	18.23	281	8375	28.62	-0.75	28.63	271
6400	15.03	1.07	15.06	266	7400	18.21	-3.51	18.54	281	8400	29.18	-0.18	29.18	270
6425	14.88	1.30	14.94	265	7425	18.61	-3.55	18.95	281	8425	29.64	0.57	29.65	269
6450	15.05	1.13	15.09	266	7450	19.00	-3.53	19.33	280	8450	29.84	1.00	29.85	268
6475	15.11	1.14	15.15	265	7475	19.51	-3.60	19.84	280	8475	29.92	1.43	29.96	267
6500	14.92	1.18	14.97	265	7500	20.22	-3.48	20.51	280	8500	30.13	1.92	30.19	266
6525	14.97	1.15	15.01	265	7525	20.49	-3.46	20.78	279	8525	30.28	2.29	30.36	265
6550	14.90	1.04	14.93	266	7550	20.44	-3.66	20.76	280	8550	30.29	2.76	30.42	265
6575	14.83	1.11	14.88	266	7575	20.61	-3.77	20.96	280	8575	30.60	3.29	30.78	264
6600	14.93	1.33	14.99	265	7600	20.75	-3.96	21.13	281	8600	30.91	3.88	31.15	263
6625	15.01	1.49	15.08	264	7625	20.73	-4.03	21.12	281	8625	31.12	4.42	31.43	262
6650	14.99	1.76	15.09	263	7650	20.79	-4.08	21.19	281	8650	31.45	4.54	31.78	262
6675	14.88	1.74	14.99	263	7675	20.75	-4.31	21.19	282	8675	31.87	3.99	32.12	263
6700	14.90	1.79	15.01	263	7700	20.54	-4.40	21.00	282	8700	32.30	3.25	32.46	264
6725	15.15	2.06	15.29	262	7725	20.59	-4.51	21.08	282	8725	32.36	2.71	32.48	265
6750	15.61	2.15	15.76	262	7750	20.65	-4.55	21.15	282	8750	32.52	2.27	32.60	266
6775	16.08	1.81	16.18	263	7775	20.60	-4.63	21.11	282	8775	32.66	1.99	32.72	266
6800	16.41	1.44	16.47	265	7800	20.47	-4.90	21.05	283	8800	32.55	1.84	32.60	267
6825	16.66	1.20	16.71	266	7825	20.68	-5.00	21.27	283	8825	32.56	1.70	32.60	267
6850	16.87	0.80	16.89	267	7850	21.15	-5.00	21.73	283	8850	32.52	1.56	32.56	267
6875	16.80	0.48	16.81	268	7875	21.45	-5.10	22.05	283	8875	32.62	1.18	32.64	268
6900	16.67	0.21	16.67	269	7900	21.99	-5.01	22.56	283	8900	32.66	0.86	32.67	268
6925	17.00	-0.13	17.00	270	7925	22.64	-4.66	23.12	281	8925	32.75	0.50	32.75	269
6950	17.51	-0.52	17.52	272	7950	23.25	-4.38	23.66	280	8950	33.02	-0.09	33.02	270
6975	17.69	-0.79	17.71	272	7975	23.62	-3.95	23.95	279	8975	33.54	-0.76	33.55	271
7000	17.85	-1.01	17.88	273	8000	24.00	-3.40	24.24	278	9000	34.38	-1.23	34.41	272
7025	17.86	-1.29	17.90	274	8025	24.15	-2.93	24.32	277	9025	35.07	-1.26	35.09	272
7050	17.57	-1.52	17.63	275	8050	24.13	-2.70	24.28	276	9050	35.46	-1.33	35.49	272
7075	17.36	-1.58	17.43	275	8075	24.23	-2.35	24.34	275	9075	35.66	-1.46	35.69	272
7100	17.10	-1.49	17.16	275	8100	24.10	-1.95	24.18	274	9100	35.84	-1.99	35.90	273
7125	16.68	-1.70	16.77	276	8125	24.26	-1.90	24.33	274	9125	36.31	-2.58	36.41	274
7150	16.44	-2.14	16.58	277	8150	24.81	-2.10	24.90	275	9150	36.92	-2.92	37.03	274
7175	16.33	-2.60	16.53	279	8175	25.59	-2.18	25.68	275	9175	37.34	-3.19	37.47	275
7200	16.37	-2.84	16.62	280	8200	26.31	-1.99	26.38	274	9200	37.44	-3.30	37.58	275

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1994 03/24/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	37.81	-3.48	37.97	275	10225	39.31	-4.48	39.57	276	11225	42.91	-2.78	43.00	274
9250	38.49	-3.71	38.67	275	10250	39.21	-4.43	39.46	276	11250	42.94	-2.52	43.02	273
9275	38.70	-3.96	38.90	276	10275	39.02	-4.32	39.26	276	11275	42.78	-2.33	42.84	273
9300	38.94	-4.15	39.16	276	10300	39.08	-4.31	39.31	276	11300	42.52	-2.05	42.57	273
9325	39.32	-4.32	39.56	276	10325	39.23	-4.32	39.46	276	11325	42.77	-1.87	42.81	272
9350	39.46	-4.36	39.70	276	10350	39.34	-4.28	39.57	276	11350	42.96	-1.86	43.00	272
9375	39.52	-4.47	39.77	276	10375	39.45	-4.25	39.67	276	11375	42.91	-1.81	42.95	272
9400	39.55	-4.47	39.81	276	10400	39.46	-4.45	39.71	276	11400	43.14	-1.90	43.18	272
9425	39.65	-4.48	39.90	276	10425	39.60	-4.37	39.84	276	11425	43.42	-1.57	43.44	272
9450	39.69	-4.37	39.93	276	10450	39.64	-4.43	39.89	276	11450	43.28	-1.17	43.29	271
9475	39.69	-4.17	39.90	276	10475	39.52	-4.53	39.78	276	11475	42.85	-1.54	42.88	272
9500	39.69	-4.12	39.91	276	10500	39.59	-4.44	39.84	276	11500	42.41	-1.22	42.43	271
9525	39.45	-3.75	39.63	275	10525	39.72	-4.46	39.97	276	11525	42.41	-0.77	42.42	271
9550	39.21	-3.46	39.37	275	10550	39.78	-4.59	40.05	276	11550	42.45	-1.06	42.47	271
9575	39.35	-3.36	39.50	275	10575	39.82	-4.64	40.09	276	11575	42.14	-1.12	42.16	271
9600	39.34	-3.00	39.45	274	10600	39.80	-4.52	40.06	276	11600	42.24	-0.85	42.25	271
9625	39.47	-2.76	39.57	274	10625	40.00	-4.50	40.25	276	11625	42.79	-0.83	42.80	271
9650	39.79	-2.65	39.88	274	10650	40.11	-4.90	40.41	277	11650	42.89	-0.92	42.90	271
9675	40.09	-2.52	40.17	273	10675	40.16	-5.03	40.47	277	11675	42.80	-0.56	42.80	271
9700	40.47	-2.65	40.56	274	10700	40.35	-4.84	40.64	277	11700	43.03	-0.19	43.03	270
9725	40.40	-2.65	40.48	274	10725	40.48	-5.15	40.81	277	11725	43.35	-0.54	43.35	271
9750	40.29	-2.97	40.40	274	10750	40.39	-5.34	40.74	277	11750	43.40	-0.47	43.40	270
9775	40.28	-3.31	40.41	275	10775	40.54	-5.10	40.86	277	11775	43.20	-0.74	43.20	271
9800	40.11	-3.27	40.25	274	10800	40.99	-5.13	41.31	277	11800	43.32	-1.69	43.35	272
9825	40.11	-3.35	40.25	275	10825	41.10	-5.10	41.41	277	11825	43.47	-2.65	43.55	273
9850	40.09	-3.56	40.24	275	10850	40.91	-4.97	41.21	277	11850	43.48	-3.22	43.60	274
9875	39.96	-3.66	40.13	275	10875	41.05	-4.83	41.34	277	11875	43.36	-3.10	43.47	274
9900	39.90	-3.52	40.05	275	10900	41.29	-4.80	41.57	276	11900	43.25	-3.81	43.42	275
9925	39.88	-3.43	40.03	275	10925	41.23	-4.69	41.50	276	11925	43.30	-4.54	43.54	276
9950	39.77	-3.51	39.92	275	10950	41.08	-5.14	41.40	277	11950	43.06	-4.56	43.30	276
9975	39.56	-3.59	39.72	275	10975	41.15	-5.72	41.54	278	11975	42.54	-4.63	42.79	276
10000	39.51	-3.76	39.69	275	11000	41.51	-5.48	41.87	277	12000	42.85	-4.88	43.13	276
10025	39.55	-3.84	39.73	275	11025	41.64	-5.50	42.00	277	12025	42.99	-5.22	43.30	277
10050	39.57	-3.69	39.74	275	11050	41.58	-5.33	41.92	277	12050	42.59	-5.42	42.94	277
10075	39.53	-3.67	39.70	275	11075	41.51	-4.94	41.80	277	12075	42.75	-5.53	43.11	277
10100	39.55	-4.00	39.75	276	11100	41.65	-4.33	41.87	276	12100	42.49	-5.29	42.82	277
10125	39.67	-4.42	39.92	276	11125	41.90	-4.32	42.12	276	12125	42.05	-5.24	42.38	277
10150	39.85	-4.54	40.10	276	11150	42.04	-4.40	42.27	276	12150	42.17	-5.95	42.58	278
10175	39.75	-4.45	40.00	276	11175	42.28	-3.48	42.42	275	12175	42.02	-5.78	42.42	278
10200	39.41	-4.32	39.65	276	11200	42.73	-2.99	42.83	274	12200	41.66	-5.56	42.03	277

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-64 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1994 03/24/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	41.72	-5.90	42.14	278	13225	40.53	-10.55	41.88	284	14225	41.95	-9.47	43.01	283
12250	41.51	-5.98	41.93	278	13250	40.60	-10.21	41.86	284	14250	41.74	-9.81	42.87	283
12275	40.78	-5.61	41.16	278	13275	41.05	-10.59	42.39	284	14275	41.79	-9.79	42.92	283
12300	40.03	-6.01	40.48	278	13300	41.27	-11.35	42.80	285	14300	41.85	-9.77	42.97	283
12325	39.61	-6.22	40.10	279	13325	41.18	-11.50	42.75	285	14325	41.51	-9.96	42.69	283
12350	39.52	-5.87	39.95	278	13350	41.72	-11.03	43.15	285	14350	41.39	-8.64	42.28	282
12375	39.35	-6.37	39.86	279	13375	41.72	-10.44	43.01	284	14375	41.67	-8.16	42.46	281
12400	39.14	-6.63	39.70	279	13400	41.84	-11.28	43.34	285	14400	41.94	-7.69	42.64	280
12425	39.38	-6.37	39.89	279	13425	42.06	-11.03	43.48	284	14425	42.53	-6.88	43.08	279
12450	39.62	-6.36	40.12	279	13450	42.28	-10.77	43.63	284	14450	43.16	-5.16	43.47	277
12475	39.41	-6.66	39.97	279	13475	42.54	-9.37	43.56	282	14475	43.30	-6.62	43.80	279
12500	39.10	-6.71	39.67	280	13500	42.56	-10.33	43.80	283	14500	43.00	-8.21	43.78	281
12525	39.15	-6.53	39.69	279	13525	42.45	-9.94	43.60	283	14525	43.46	-7.94	44.18	280
12550	39.53	-6.42	40.05	279	13550	42.42	-8.35	43.23	281	14550	43.59	-8.31	44.38	281
12575	39.58	-6.57	40.13	279	13575	42.14	-6.75	42.68	279	14575	43.55	-7.36	44.17	279
12600	39.64	-7.09	40.27	280	13600	41.48	-6.02	41.91	278	14600	43.48	-7.99	44.21	280
12625	39.86	-6.66	40.41	279	13625	40.94	-6.74	41.49	279	14625	44.08	-7.99	44.79	280
12650	40.07	-6.51	40.59	279	13650	41.26	-6.15	41.72	278	14650	44.20	-8.03	44.92	280
12675	39.98	-6.53	40.51	279	13675	41.84	-4.85	42.12	276	14675	43.95	-9.30	44.92	282
12700	39.91	-6.57	40.45	279	13700	41.81	-4.91	42.10	277	14700	44.15	-9.55	45.17	282
12725	39.95	-7.41	40.64	280	13725	42.20	-3.97	42.39	275	14725	43.98	-9.21	44.93	282
12750	39.94	-7.66	40.67	281	13750	42.33	-4.02	42.52	275	14750	43.21	-8.90	44.12	281
12775	39.93	-7.72	40.67	281	13775	42.21	-4.51	42.45	276	14775	42.75	-10.07	43.92	283
12800	40.03	-8.03	40.83	281	13800	42.75	-3.04	42.86	274	14800	43.18	-10.63	44.47	284
12825	39.94	-9.20	40.99	283	13825	42.71	-3.24	42.83	274	14825	42.82	-10.89	44.18	284
12850	39.79	-9.44	40.89	283	13850	42.65	-2.71	42.74	273	14850	42.23	-11.47	43.76	285
12875	39.91	-8.76	40.86	282	13875	43.37	-2.61	43.45	273	14875	42.06	-10.69	43.40	284
12900	39.79	-9.05	40.81	283	13900	43.49	-3.43	43.62	274	14900	42.01	-10.90	43.40	284
12925	39.59	-9.17	40.64	283	13925	43.11	-3.75	43.27	275	14925	42.01	-12.35	43.79	286
12950	39.61	-9.16	40.66	283	13950	42.99	-3.62	43.14	275	14950	41.93	-12.86	43.86	287
12975	39.49	-9.71	40.66	284	13975	43.18	-5.27	43.50	277	14975	41.90	-12.93	43.85	287
13000	39.62	-9.33	40.71	283	14000	43.80	-6.82	44.33	279	15000	41.87	-13.00	43.84	287
13025	39.51	-9.43	40.62	283	14025	44.14	-6.26	44.58	278	15025	41.70	-12.41	43.51	286
13050	39.36	-10.14	40.64	284	14050	43.65	-5.49	44.00	277	15050	41.75	-12.18	43.49	286
13075	39.84	-9.74	41.01	284	14075	43.50	-7.55	45.26	280	15075	41.89	-12.00	43.58	286
13100	40.03	-9.85	41.22	284	14100	43.04	-8.04	43.78	280	15100	41.58	-12.58	43.44	287
13125	40.11	-9.87	41.30	284	14125	43.24	-6.87	43.79	279	15125	41.44	-14.04	43.75	289
13150	40.18	-9.87	41.38	284	14150	42.67	-7.74	43.37	280	15150	41.42	-14.79	43.98	289
13175	40.28	-10.02	41.51	284	14175	42.12	-8.12	42.90	281	15175	41.58	-13.69	43.78	288
13200	40.36	-10.02	41.58	284	14200	41.97	-8.29	42.78	281	15200	41.32	-13.97	43.62	289

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 1994 03/24/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	40.91	-15.15	43.62	290	16225	34.23	-8.66	35.31	284	17225	31.88	-3.07	32.03	275
15250	41.14	-14.05	43.47	289	16250	34.35	-7.97	35.26	283	17250	32.18	-2.93	32.31	275
15275	41.19	-15.07	43.86	290	16275	34.68	-6.10	35.21	280	17275	32.10	-3.27	32.27	276
15300	40.81	-15.05	43.50	290	16300	34.62	-5.95	35.13	280	17300	32.02	-3.61	32.23	276
15325	40.48	-13.52	42.67	288	16325	34.67	-5.74	35.15	279	17325	31.95	-3.95	32.19	277
15350	40.02	-14.92	42.71	290	16350	34.73	-5.54	35.17	279	17350	30.71	-5.93	31.28	281
15375	39.30	-15.45	42.22	291	16375	34.79	-5.82	35.27	279	17375	28.94	-8.34	30.12	286
15400	39.32	-14.13	41.78	290	16400	34.86	-4.58	35.16	277	17400	28.67	-8.64	29.94	287
15425	39.00	-14.60	41.64	290	16425	36.23	-3.91	36.44	276	17425	28.40	-8.93	29.77	287
15450	38.87	-13.70	41.21	289	16450	36.52	-4.37	36.78	277	17450	28.13	-9.22	29.60	288
15475	39.03	-14.67	41.70	290	16475	36.82	-4.83	37.13	277	17475	25.55	-11.41	27.99	294
15500	38.88	-15.03	41.68	291	16500	37.02	-5.53	37.43	278	17500	24.65	-11.69	27.28	295
15525	38.97	-14.25	41.49	290	16525	36.10	-5.76	36.56	279	17525	23.46	-10.20	25.59	293
15550	38.77	-14.39	41.35	290	16550	34.89	-5.46	35.31	279	17550	22.95	-9.57	24.86	292
15575	38.25	-13.17	40.46	289	16575	34.18	-5.30	34.59	279	17575	22.29	-8.98	24.03	292
15600	37.97	-13.97	40.46	290	16600	33.48	-5.14	33.87	279	17600	22.28	-8.32	23.78	290
15625	37.91	-13.70	40.31	290	16625	31.93	-3.31	32.10	276	17625	22.27	-7.67	23.55	289
15650	37.92	-13.23	40.16	289	16650	32.25	-4.43	32.56	278	17650	22.26	-7.01	23.33	287
15675	37.56	-14.46	40.25	291	16675	32.18	-3.06	32.33	275	17675	21.30	-5.32	21.96	284
15700	36.91	-14.96	39.82	292	16700	30.73	-2.08	30.80	274	17700	20.99	-5.34	21.66	284
15725	35.90	-14.69	38.79	292	16725	29.58	-4.10	29.86	278	17725	20.68	-5.36	21.36	284
15750	35.02	-15.11	38.14	293	16750	29.77	-3.33	29.96	276	17750	20.36	-5.38	21.06	285
15775	35.07	-13.84	37.70	291	16775	30.32	-3.04	30.47	276	17775	22.59	-1.20	22.62	273
15800	34.93	-12.70	37.16	290	16800	30.44	-2.10	30.51	274	17800	22.81	-1.11	22.83	273
15825	34.52	-12.88	36.84	290	16825	30.10	-1.88	30.16	273	17825	23.02	-1.01	23.05	272
15850	34.55	-13.11	36.96	291	16850	29.09	-2.36	29.18	274	17850	23.24	-0.91	23.26	272
15875	34.63	-12.21	36.72	289	16875	28.28	-2.22	28.36	274	17875	23.46	-0.82	23.48	272
15900	35.06	-12.14	37.11	289	16900	27.47	-2.07	27.54	274					
15925	35.05	-12.78	37.31	290	16925	27.26	-1.60	27.31	273					
15950	35.23	-12.25	37.30	289	16950	27.05	-1.12	27.08	272					
15975	35.21	-11.94	37.18	289	16975	26.85	-0.65	26.85	271					
16000	35.19	-11.64	37.06	288	17000	27.54	0.84	27.55	268					
16025	34.71	-10.75	36.34	287	17025	27.71	-0.24	27.71	270					
16050	34.48	-10.54	36.05	287	17050	27.88	-1.32	27.91	273					
16075	34.24	-10.80	35.90	287	17075	28.65	-2.08	28.73	274					
16100	33.26	-11.78	35.28	289	17100	29.63	-0.68	29.64	271					
16125	33.42	-7.89	34.34	283	17125	30.78	-1.49	30.81	273					
16150	33.66	-6.14	34.21	280	17150	31.09	-1.95	31.15	273					
16175	33.77	-9.50	35.08	286	17175	31.40	-2.40	31.49	274					
16200	34.27	-9.35	35.52	285	17200	31.95	-3.02	32.10	275					

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-65

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1995 03/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	-0.69	8.85	8.87	175	1225	-4.10	8.04	9.03	153	2225	0.00	7.25	7.25	180
250	-0.76	8.87	8.91	175	1250	-3.96	7.81	8.76	153	2250	-0.03	6.89	6.89	180
275	-0.68	8.92	8.94	175	1275	-3.93	7.65	8.60	153	2275	-0.05	6.54	6.54	179
300	-0.73	8.95	8.98	175	1300	-3.95	7.55	8.52	152	2300	-0.05	6.25	6.25	179
325	-0.87	9.04	9.08	174	1325	-3.89	7.49	8.45	152	2325	-0.10	6.31	6.31	179
350	-0.88	9.23	9.27	174	1350	-3.79	7.39	8.31	153	2350	-0.11	6.45	6.46	179
375	-1.04	9.33	9.38	173	1375	-3.60	7.24	8.09	153	2375	0.07	6.45	6.45	180
400	-1.26	9.49	9.58	172	1400	-3.59	7.25	8.09	153	2400	0.45	6.43	6.44	184
425	-1.31	9.56	9.65	172	1425	-3.72	7.29	8.19	153	2425	0.61	6.27	6.30	185
450	-1.21	9.37	9.45	172	1450	-3.73	7.25	8.16	153	2450	0.74	5.96	6.00	187
475	-1.03	9.18	9.24	173	1475	-3.91	7.03	8.04	151	2475	0.95	5.78	5.86	189
500	-0.86	8.75	8.79	174	1500	-4.22	6.51	7.76	147	2500	1.19	5.72	5.84	192
525	-0.65	8.30	8.32	175	1525	-4.33	6.31	7.65	145	2525	1.39	5.73	5.90	193
550	-0.67	7.96	7.99	175	1550	-4.34	6.46	7.78	146	2550	1.25	5.62	5.76	192
575	-0.71	7.44	7.48	174	1575	-4.34	6.46	7.78	146	2575	1.12	5.63	5.74	191
600	-0.65	6.82	6.86	174	1600	-4.04	6.49	7.64	148	2600	1.00	5.88	5.96	190
625	-0.72	6.46	6.50	173	1625	-3.61	6.51	7.45	151	2625	1.17	6.07	6.18	191
650	-0.56	6.13	6.16	175	1650	-3.47	6.48	7.35	152	2650	1.43	6.18	6.34	193
675	-0.18	5.69	5.69	178	1675	-3.38	6.52	7.35	152	2675	1.67	5.82	6.05	196
700	-0.01	5.40	5.40	180	1700	-3.18	6.77	7.48	155	2700	1.87	5.36	5.68	199
725	-0.03	5.13	5.13	179	1725	-3.14	7.01	7.68	156	2725	1.92	5.15	5.49	200
750	0.13	5.03	5.03	181	1750	-3.09	7.05	7.70	156	2750	2.04	4.98	5.38	202
775	0.20	5.10	5.10	182	1775	-2.79	7.03	7.56	158	2775	2.13	5.05	5.48	203
800	-0.16	5.45	5.46	178	1800	-2.42	7.12	7.52	161	2800	2.32	5.19	5.69	204
825	-0.32	5.79	5.80	177	1825	-2.19	7.25	7.57	163	2825	2.34	5.19	5.69	204
850	-0.37	6.07	6.08	176	1850	-1.99	7.38	7.64	165	2850	2.14	5.21	5.63	202
875	-0.61	6.24	6.27	174	1875	-1.76	7.68	7.87	167	2875	2.08	5.26	5.65	201
900	-0.81	6.18	6.23	172	1900	-1.46	7.72	7.86	169	2900	2.14	5.40	5.80	201
925	-0.98	6.19	6.26	171	1925	-0.99	7.45	7.51	172	2925	2.24	5.48	5.92	202
950	-1.30	6.39	6.53	168	1950	-0.64	7.17	7.20	175	2950	2.41	5.45	5.96	204
975	-1.92	7.09	7.35	165	1975	-0.58	6.73	6.76	175	2975	2.69	5.53	6.15	206
1000	-2.38	7.88	8.23	163	2000	-0.51	6.30	6.32	175	3000	2.85	5.53	6.22	207
1025	-2.89	8.12	8.62	160	2025	-0.48	6.29	6.31	175	3025	2.86	5.41	6.12	208
1050	-3.45	8.32	9.01	157	2050	-0.54	6.41	6.44	175	3050	2.88	5.47	6.18	208
1075	-3.55	8.79	9.48	158	2075	-0.50	6.77	6.79	176	3075	3.11	5.59	6.39	209
1100	-3.50	9.12	9.77	159	2100	-0.44	7.40	7.42	176	3100	3.27	5.72	6.59	210
1125	-3.60	9.33	10.00	159	2125	-0.35	7.88	7.89	177	3125	3.35	6.04	6.91	209
1150	-3.73	9.22	9.94	158	2150	-0.24	8.31	8.32	178	3150	3.46	6.56	7.42	208
1175	-3.98	8.73	9.59	155	2175	-0.17	8.36	8.36	179	3175	3.60	7.08	7.95	207
1200	-4.18	8.33	9.32	153	2200	-0.07	7.84	7.84	179	3200	3.80	7.69	8.58	206

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1995 03/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	3.94	8.55	9.42	205	4225	9.67	9.01	13.22	227	5225	8.90	0.22	8.90	268
3250	4.02	9.10	9.95	204	4250	9.50	9.10	13.15	226	5250	9.01	0.07	9.01	269
3275	4.27	9.19	10.14	205	4275	9.42	9.07	13.08	226	5275	9.13	-0.33	9.14	272
3300	4.58	9.01	10.10	207	4300	9.35	8.99	12.97	226	5300	9.09	-0.89	9.13	275
3325	4.78	8.60	9.84	209	4325	10.60	10.14	14.67	226	5325	9.02	-1.15	9.10	277
3350	5.03	8.18	9.60	211	4350	11.65	10.90	15.95	227	5350	9.05	-1.05	9.11	276
3375	5.09	8.29	9.73	211	4375	10.06	9.37	13.75	227	5375	9.08	-0.97	9.13	276
3400	5.02	8.63	9.98	210	4400	9.21	8.69	12.66	226	5400	9.12	-0.92	9.17	276
3425	5.06	8.62	10.00	210	4425	9.18	8.63	12.60	227	5425	9.18	-0.75	9.21	274
3450	5.42	8.71	10.26	212	4450	10.12	9.43	13.84	227	5450	9.31	-0.56	9.32	273
3475	6.15	8.75	10.70	215	4475	10.21	9.32	13.83	227	5475	9.42	-0.33	9.43	272
3500	7.04	8.82	11.29	218	4500	9.42	7.78	12.22	230	5500	9.28	-0.13	9.28	271
3525	7.63	9.04	11.82	220	4525	9.71	7.20	12.09	233	5525	9.13	0.09	9.13	269
3550	7.84	9.32	12.18	220	4550	9.76	6.69	11.83	235	5550	9.15	0.36	9.16	268
3575	7.95	9.73	12.56	219	4575	9.66	6.01	11.37	238	5575	9.23	0.64	9.26	266
3600	7.97	9.93	12.73	219	4600	9.66	5.45	11.09	240	5600	9.44	0.84	9.48	265
3625	8.11	9.93	12.82	219	4625	9.63	4.71	10.72	244	5625	9.63	1.04	9.69	264
3650	8.31	9.90	12.93	220	4650	9.68	4.10	10.52	247	5650	9.86	1.08	9.92	264
3675	8.43	9.92	13.02	220	4675	9.69	3.73	10.39	249	5675	10.13	0.71	10.16	266
3700	8.55	10.06	13.21	220	4700	9.56	3.30	10.12	251	5700	10.12	0.44	10.13	267
3725	8.59	10.08	13.24	220	4725	9.45	3.12	9.95	252	5725	10.13	0.38	10.14	268
3750	8.60	9.91	13.12	221	4750	9.44	3.14	9.94	251	5750	10.34	0.55	10.36	267
3775	8.67	9.88	13.15	221	4775	10.24	3.33	10.76	252	5775	10.48	0.75	10.50	266
3800	8.72	10.01	13.27	221	4800	10.16	3.20	10.65	252	5800	10.52	0.88	10.55	265
3825	8.76	10.01	13.30	221	4825	9.28	2.68	9.66	254	5825	10.52	1.02	10.57	264
3850	8.82	10.04	13.36	221	4850	9.23	2.44	9.55	255	5850	10.70	1.23	10.77	263
3875	8.94	10.03	13.44	222	4875	9.36	2.29	9.64	256	5875	11.12	1.40	11.21	263
3900	9.11	9.95	13.49	222	4900	9.32	2.20	9.58	257	5900	11.73	1.53	11.83	262
3925	9.24	9.84	13.49	223	4925	9.18	2.13	9.42	257	5925	11.96	1.66	12.08	262
3950	9.25	9.56	13.30	224	4950	9.07	1.96	9.28	258	5950	11.93	1.47	12.02	263
3975	9.33	9.29	13.17	225	4975	8.99	1.97	9.21	257	5975	11.96	1.19	12.02	264
4000	9.56	9.07	13.17	226	5000	9.10	2.11	9.34	257	6000	11.89	1.09	11.94	265
4025	9.73	8.83	13.14	228	5025	9.03	2.01	9.25	257	6025	11.54	0.56	11.55	267
4050	9.92	8.74	13.22	228	5050	8.82	1.68	8.98	259	6050	11.43	0.32	11.43	268
4075	9.99	8.70	13.25	229	5075	8.70	1.32	8.80	261	6075	11.66	0.49	11.67	267
4100	10.01	8.62	13.21	229	5100	8.57	0.96	8.62	263	6100	11.78	0.57	11.80	267
4125	10.06	8.58	13.22	229	5125	8.46	0.68	8.49	265	6125	11.87	0.71	11.89	266
4150	9.99	8.65	13.21	229	5150	8.55	0.52	8.57	266	6150	11.92	0.84	11.95	266
4175	9.89	8.75	13.21	228	5175	8.84	0.42	8.85	267	6175	11.90	1.05	11.94	265
4200	9.79	8.83	13.18	228	5200	8.94	0.31	8.94	268	6200	12.02	1.02	12.07	265

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1995 03/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	12.62	0.94	12.66	266	7225	17.32	2.43	17.49	262	8225	18.90	-1.91	19.00	276
6250	13.29	0.95	13.33	266	7250	17.46	2.30	17.61	262	8250	18.83	-2.22	18.96	277
6275	13.87	0.71	13.88	267	7275	17.49	2.16	17.63	263	8275	19.12	-2.37	19.27	277
6300	14.15	0.18	14.15	269	7300	17.57	2.01	17.68	263	8300	19.69	-2.62	19.86	277
6325	14.12	-0.35	14.13	271	7325	17.61	1.91	17.71	264	8325	20.52	-2.96	20.74	278
6350	14.07	-0.53	14.08	272	7350	17.55	1.79	17.64	264	8350	20.87	-3.01	21.09	278
6375	13.86	-0.43	13.86	272	7375	17.63	1.77	17.72	264	8375	20.83	-2.84	21.02	278
6400	13.71	-0.34	13.71	271	7400	17.75	1.67	17.83	264	8400	21.02	-2.83	21.21	277
6425	13.64	-0.24	13.64	271	7425	17.90	1.43	17.95	265	8425	21.29	-3.09	21.51	278
6450	13.52	-0.15	13.52	270	7450	18.02	1.14	18.06	266	8450	21.17	-3.61	21.48	279
6475	13.49	0.04	13.49	270	7475	17.97	0.77	17.99	267	8475	20.96	-3.90	21.32	280
6500	13.43	0.26	13.43	269	7500	17.90	0.48	17.90	268	8500	20.89	-3.89	21.25	280
6525	13.34	0.37	13.34	268	7525	17.92	0.23	17.92	269	8525	20.93	-4.05	21.32	281
6550	13.42	0.53	13.43	268	7550	18.02	-0.17	18.02	270	8550	21.22	-3.97	21.59	280
6575	13.27	0.69	13.29	267	7575	18.03	-0.58	18.04	272	8575	21.39	-3.79	21.72	280
6600	13.01	0.76	13.03	266	7600	18.05	-0.87	18.07	273	8600	21.50	-3.75	21.82	280
6625	13.02	0.79	13.05	266	7625	18.26	-0.97	18.29	273	8625	21.80	-3.33	22.05	278
6650	13.20	0.71	13.22	267	7650	18.57	-1.11	18.61	273	8650	22.32	-2.74	22.49	277
6675	13.58	0.41	13.59	268	7675	18.71	-1.40	18.76	274	8675	22.94	-2.42	23.07	276
6700	14.19	0.24	14.19	269	7700	18.89	-1.58	18.95	275	8700	23.31	-2.22	23.42	275
6725	14.72	0.41	14.73	268	7725	19.08	-1.78	19.17	275	8725	23.63	-1.87	23.70	274
6750	14.74	0.98	14.78	266	7750	19.12	-1.92	19.21	276	8750	23.99	-1.38	24.03	273
6775	14.58	1.49	14.66	264	7775	19.05	-1.83	19.13	275	8775	24.12	-0.98	24.14	272
6800	14.58	1.80	14.69	263	7800	18.98	-1.78	19.06	275	8800	24.18	-0.62	24.19	271
6825	14.47	2.06	14.61	262	7825	19.06	-1.77	19.14	275	8825	24.25	-0.29	24.25	271
6850	14.48	2.25	14.65	261	7850	19.07	-1.76	19.15	275	8850	24.52	-0.11	24.52	270
6875	14.78	2.46	14.98	260	7875	18.98	-1.71	19.05	275	8875	24.79	-0.12	24.79	270
6900	14.88	2.46	15.08	260	7900	18.97	-1.63	19.04	275	8900	25.03	0.08	25.03	270
6925	15.08	2.40	15.27	261	7925	18.96	-1.53	19.03	274	8925	25.37	0.13	25.37	270
6950	15.33	2.52	15.53	260	7950	19.09	-1.52	19.15	274	8950	25.66	0.13	25.66	270
6975	15.49	2.71	15.72	260	7975	19.10	-1.66	19.18	275	8975	25.78	0.27	25.79	269
7000	15.65	2.68	15.87	260	8000	19.04	-1.67	19.11	275	9000	25.95	0.41	25.95	269
7025	15.77	2.64	15.98	260	8025	19.23	-1.68	19.31	275	9025	26.15	0.60	26.16	269
7050	16.17	2.88	16.43	260	8050	19.16	-1.84	19.25	275	9050	26.27	0.59	26.28	269
7075	16.54	2.99	16.81	260	8075	18.92	-1.77	19.01	275	9075	26.42	0.43	26.43	269
7100	16.65	3.05	16.92	259	8100	19.01	-1.69	19.09	275	9100	26.51	0.35	26.51	269
7125	16.63	3.14	16.92	259	8125	18.99	-1.72	19.07	275	9125	26.50	0.26	26.51	269
7150	16.70	3.05	16.98	259	8150	18.87	-1.73	18.95	275	9150	26.55	0.14	26.55	270
7175	16.86	2.74	17.08	261	8175	18.97	-1.78	19.05	275	9175	26.46	0.03	26.46	270
7200	17.08	2.54	17.27	261	8200	19.06	-1.75	19.14	275	9200	26.33	-0.21	26.33	270

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1995 03/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	26.29	-0.17	26.29	270	10225	31.92	0.29	31.92	269	11225	36.32	1.73	36.37	267
9250	26.42	-0.06	26.42	270	10250	31.98	0.25	31.98	269	11250	36.38	1.66	36.41	267
9275	26.65	-0.07	26.65	270	10275	32.28	0.09	32.28	270	11275	36.32	1.54	36.36	267
9300	26.56	-0.09	26.56	270	10300	32.54	0.07	32.54	270	11300	36.31	1.70	36.35	267
9325	26.56	-0.10	26.56	270	10325	32.40	-0.02	32.40	270	11325	36.37	1.68	36.41	267
9350	26.76	0.03	26.76	270	10350	32.32	-0.29	32.32	270	11350	36.49	1.55	36.52	267
9375	27.01	0.17	27.01	269	10375	32.34	-0.42	32.34	271	11375	36.65	1.00	36.67	268
9400	27.23	0.28	27.23	269	10400	32.26	-0.64	32.27	271	11400	36.78	0.82	36.79	269
9425	27.23	0.48	27.23	269	10425	32.21	-0.94	32.23	271	11425	36.73	1.06	36.75	268
9450	27.37	0.60	27.37	269	10450	32.14	-1.39	32.17	272	11450	37.19	0.88	37.20	268
9475	27.70	0.66	27.71	268	10475	31.96	-1.74	32.01	273	11475	37.41	1.05	37.42	268
9500	28.17	1.07	28.19	268	10500	31.68	-2.00	31.74	273	11500	37.36	1.08	37.38	268
9525	28.62	1.34	28.65	267	10525	31.40	-2.37	31.49	274	11525	37.57	1.23	37.59	268
9550	28.93	1.67	28.98	267	10550	31.53	-2.57	31.63	274	11550	37.53	1.18	37.55	268
9575	29.36	2.20	29.44	266	10575	31.60	-2.75	31.72	275	11575	37.47	0.76	37.48	269
9600	30.00	2.64	30.12	265	10600	31.63	-2.99	31.77	275	11600	37.51	1.01	37.52	268
9625	30.48	2.67	30.60	265	10625	31.82	-3.24	31.99	276	11625	37.30	1.35	37.32	268
9650	30.63	2.64	30.74	265	10650	31.78	-3.48	31.97	276	11650	36.57	1.26	36.59	268
9675	30.58	2.84	30.71	265	10675	31.81	-3.47	32.00	276	11675	36.12	1.31	36.14	268
9700	30.74	2.79	30.86	265	10700	31.75	-3.36	31.92	276	11700	35.85	1.70	35.89	267
9725	30.98	2.64	31.09	265	10725	31.74	-3.26	31.90	276	11725	35.66	1.89	35.71	267
9750	30.91	2.49	31.01	265	10750	32.12	-3.24	32.28	276	11750	35.95	1.74	35.99	267
9775	30.90	2.29	30.98	266	10775	32.27	-3.04	32.42	275	11775	35.92	1.83	35.97	267
9800	30.99	1.95	31.05	266	10800	32.41	-2.74	32.52	275	11800	35.91	2.01	35.97	267
9825	30.94	1.73	30.98	267	10825	32.47	-2.57	32.57	274	11825	35.95	1.97	36.01	267
9850	30.92	1.51	30.95	267	10850	32.61	-2.03	32.68	273	11850	35.97	1.63	36.01	267
9875	31.13	1.37	31.16	267	10875	33.04	-1.54	33.07	272	11875	36.03	1.61	36.07	267
9900	31.31	1.38	31.34	267	10900	33.15	-1.05	33.17	272	11900	36.13	2.00	36.19	267
9925	31.54	1.32	31.57	267	10925	33.32	-0.44	33.32	271	11925	36.36	1.96	36.41	267
9950	31.77	1.36	31.80	267	10950	33.45	0.25	33.45	269	11950	36.13	1.89	36.18	267
9975	31.85	1.26	31.87	268	10975	33.65	1.00	33.67	268	11975	35.55	1.86	35.60	267
10000	31.94	1.17	31.96	268	11000	33.92	1.69	33.96	267	12000	35.76	2.01	35.81	267
10025	32.08	1.43	32.11	267	11025	34.16	2.03	34.22	266	12025	36.02	2.24	36.09	266
10050	32.30	1.46	32.34	267	11050	34.64	1.72	34.68	267	12050	36.16	2.22	36.23	266
10075	32.37	1.49	32.40	267	11075	34.95	1.57	34.98	267	12075	36.38	2.45	36.46	266
10100	32.34	1.53	32.38	267	11100	35.35	1.58	35.38	267	12100	36.55	2.59	36.64	266
10125	32.36	1.26	32.39	268	11125	35.65	1.73	35.70	267	12125	37.07	3.17	37.20	265
10150	32.20	1.00	32.21	268	11150	35.84	1.74	35.89	267	12150	37.54	3.45	37.70	265
10175	31.94	0.81	31.95	268	11175	36.06	1.64	36.10	267	12175	37.83	3.19	37.97	265
10200	31.90	0.55	31.90	269	11200	36.14	1.71	36.18	267	12200	37.99	3.14	38.12	265

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-65 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1995 03/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	37.62	3.32	37.77	265	13225	38.61	-0.92	38.62	271	14225	38.10	-3.47	38.26	275
12250	37.05	3.80	37.24	264	13250	38.48	-1.05	38.49	271	14250	38.05	-3.97	38.25	276
12275	36.66	4.24	36.91	263	13275	38.32	-0.88	38.33	271	14275	37.75	-4.11	37.97	276
12300	36.64	4.62	36.93	263	13300	38.27	-0.51	38.27	271	14300	37.76	-4.41	38.02	276
12325	36.64	4.90	36.96	262	13325	38.37	-0.74	38.37	271	14325	37.80	-4.37	38.05	276
12350	36.81	5.08	37.16	262	13350	38.50	-0.58	38.51	271	14350	37.92	-4.42	38.18	276
12375	37.01	4.98	37.34	262	13375	38.54	-0.30	38.54	270	14375	38.10	-4.68	38.39	277
12400	37.24	4.19	37.48	263	13400	38.42	0.24	38.42	269	14400	38.09	-5.30	38.45	278
12425	37.44	3.36	37.59	265	13425	38.40	0.95	38.42	268	14425	37.92	-5.81	38.36	279
12450	37.68	2.64	37.77	266	13450	38.14	1.01	38.16	268	14450	38.31	-6.21	38.81	279
12475	38.50	1.72	38.54	267	13475	37.59	1.03	37.61	268	14475	38.32	-6.64	38.89	280
12500	38.67	1.84	38.71	267	13500	37.32	0.89	37.33	268	14500	38.30	-7.45	39.02	281
12525	38.83	1.96	38.88	267	13525	37.61	0.79	37.62	269	14525	38.40	-7.70	39.16	281
12550	39.00	2.07	39.05	267	13550	37.81	0.63	37.82	269	14550	38.54	-8.03	39.37	282
12575	39.16	2.19	39.22	267	13575	37.68	0.25	37.68	269	14575	38.48	-8.94	39.50	283
12600	39.32	2.31	39.39	266	13600	37.69	0.51	37.69	269	14600	37.58	-9.93	38.87	285
12625	39.02	2.10	39.08	267	13625	38.06	1.07	38.08	268	14625	36.21	-9.56	37.45	285
12650	38.86	2.20	38.92	267	13650	38.10	1.25	38.12	268	14650	35.27	-8.40	36.25	283
12675	38.92	2.14	38.97	267	13675	38.21	1.34	38.23	268	14675	34.84	-7.22	35.58	282
12700	38.90	2.03	38.95	267	13700	38.55	1.28	38.58	268	14700	34.34	-6.53	34.96	281
12725	38.78	2.09	38.84	267	13725	38.47	0.87	38.48	269	14725	34.02	-6.16	34.57	280
12750	38.79	1.92	38.84	267	13750	38.45	0.49	38.46	269	14750	33.86	-5.29	34.27	279
12775	38.81	1.89	38.86	267	13775	38.77	0.70	38.78	269	14775	33.95	-4.70	34.27	278
12800	38.91	1.83	38.95	267	13800	38.68	0.71	38.68	269	14800	33.81	-4.09	34.06	277
12825	38.65	1.12	38.67	268	13825	37.89	-0.05	37.89	270	14825	33.66	-3.72	33.86	276
12850	38.26	0.20	38.26	270	13850	37.04	-0.53	37.04	271	14850	33.64	-3.00	33.77	275
12875	38.38	0.39	38.38	269	13875	36.69	0.50	36.69	269	14875	33.49	-2.14	33.56	273
12900	38.48	0.42	38.48	269	13900	37.05	-0.13	37.05	270	14900	33.49	-1.47	33.52	272
12925	38.79	0.55	38.79	269	13925	37.39	-0.17	37.39	270	14925	32.93	-0.36	32.93	270
12950	38.94	0.73	38.95	269	13950	37.24	0.76	37.25	269	14950	31.98	0.40	31.98	269
12975	38.94	0.19	38.94	270	13975	37.05	0.53	37.06	269	14975	31.63	0.76	31.64	268
13000	39.09	0.12	39.09	270	14000	36.76	0.17	36.76	270	15000	31.60	0.84	31.62	268
13025	39.08	0.38	39.08	269	14025	36.46	-0.47	36.46	271	15025	31.75	1.45	31.78	267
13050	38.89	-0.07	38.89	270	14050	36.86	-1.01	36.87	271	15050	31.81	2.48	31.91	265
13075	38.69	-0.46	38.69	270	14075	37.17	-1.35	37.19	272	15075	32.17	1.28	32.20	268
13100	38.53	-0.12	38.53	270	14100	37.09	-1.81	37.14	273	15100	32.38	0.94	32.40	268
13125	38.47	-0.17	38.47	270	14125	37.48	-2.46	37.56	274	15125	32.36	1.29	32.38	268
13150	38.49	-0.35	38.49	270	14150	37.78	-2.62	37.87	274	15150	32.51	1.23	32.53	268
13175	38.64	-0.47	38.64	271	14175	37.91	-2.45	37.98	274	15175	32.58	1.50	32.61	267
13200	38.73	-0.78	38.73	271	14200	37.99	-2.65	38.08	274	15200	31.89	1.22	31.92	268

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1995 03/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	31.18	0.61	31.18	269	16225	28.13	-1.81	28.18	273	17225	23.94	-1.53	23.99	273
15250	31.49	0.51	31.49	269	16250	27.72	-1.41	27.76	273	17250	23.83	-0.29	23.83	271
15275	32.18	0.96	32.19	268	16275	27.87	-0.80	27.88	271	17275	24.26	-0.86	24.28	272
15300	32.88	1.05	32.89	268	16300	28.62	-1.09	28.64	272	17300	24.18	-0.07	24.18	270
15325	33.27	-0.02	33.27	270	16325	28.71	-1.17	28.73	272	17325	23.68	1.57	23.73	266
15350	33.28	0.51	33.29	269	16350	28.41	-0.37	28.41	271	17350	23.51	2.08	23.61	265
15375	33.54	1.00	33.55	268	16375	28.04	-0.35	28.04	271	17375	23.35	2.46	23.47	264
15400	33.77	0.62	33.77	269	16400	27.65	0.03	27.65	270	17400	23.45	3.68	23.74	261
15425	33.90	0.94	33.91	268	16425	27.58	1.17	27.60	267	17425	23.59	3.22	23.81	262
15450	34.16	0.08	34.16	270	16450	26.98	2.16	27.07	265	17450	23.94	2.15	24.04	265
15475	34.24	-0.14	34.24	270	16475	26.39	2.31	26.49	265	17475	24.06	3.19	24.27	262
15500	34.23	0.11	34.23	270	16500	25.82	1.36	25.85	267	17500	23.77	3.75	24.07	261
15525	34.44	-0.86	34.45	271	16525	25.83	0.94	25.85	268	17525	24.49	2.63	24.63	264
15550	34.00	-1.85	34.05	273	16550	25.74	1.23	25.77	267	17550	25.00	3.19	25.20	263
15575	34.07	-0.85	34.08	271	16575	25.85	0.82	25.87	268	17575	24.72	2.99	24.90	263
15600	34.26	-0.59	34.27	271	16600	25.92	0.44	25.92	269	17600	24.62	2.57	24.76	264
15625	33.97	-1.66	34.02	273	16625	25.75	0.54	25.76	269	17625	24.93	2.39	25.04	264
15650	33.57	-1.49	33.61	272	16650	26.31	0.85	26.33	268	17650	25.34	1.86	25.41	266
15675	33.83	-1.36	33.86	272	16675	26.33	0.83	26.34	268	17675	25.30	1.63	25.36	266
15700	34.14	-2.04	34.20	273	16700	26.04	0.38	26.04	269	17700	25.18	1.71	25.23	266
15725	33.85	-1.49	33.88	272	16725	25.98	0.33	25.98	269	17725	25.05	1.79	25.11	266
15750	33.88	-0.92	33.89	271	16750	26.01	0.76	26.02	268	17750	24.79	1.79	24.85	266
15775	33.85	-1.23	33.87	272	16775	26.01	0.55	26.01	269	17775	24.85	0.71	24.86	268
15800	33.46	-0.82	33.47	271	16800	25.65	-0.01	25.65	270	17800	24.50	-0.23	24.50	270
15825	33.39	-1.35	33.42	272	16825	25.38	0.24	25.38	269	17825	24.05	-1.19	24.08	273
15850	33.51	-2.14	33.58	273	16850	25.42	-0.19	25.42	269	17850	23.42	-1.55	23.47	274
15875	33.46	-1.42	33.49	272	16875	25.69	-0.19	25.69	270	17875	22.94	-2.07	23.03	275
15900	33.20	-1.93	33.25	273	16900	25.80	-0.92	25.81	272					
15925	32.99	-3.34	33.15	276	16925	17.70	-1.03	17.73	273					
15950	32.65	-3.05	32.80	275	16950	18.32	-1.12	18.35	273					
15975	32.26	-3.09	32.41	275	16975	25.69	-1.37	25.72	273					
16000	31.96	-3.63	32.17	276	17000	25.20	-1.12	25.23	272					
16025	31.40	-2.70	31.52	275	17025	24.80	-0.90	24.82	272					
16050	31.15	-2.76	31.27	275	17050	25.21	-1.90	25.28	274					
16075	30.94	-3.54	31.14	276	17075	25.13	-2.46	25.25	275					
16100	30.58	-3.36	30.77	276	17100	24.72	-2.50	24.85	276					
16125	30.12	-2.76	30.24	275	17125	24.48	-3.15	24.68	277					
16150	29.52	-2.98	29.67	276	17150	24.21	-3.03	24.40	277					
16175	29.65	-2.94	29.79	275	17175	23.91	-2.34	24.02	275					
16200	29.22	-2.19	29.31	274	17200	23.97	-2.48	24.10	276					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-66

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1999 03/26/65, 0015Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-7.30	13.02	14.93	151	1200	3.16	5.92	6.71	208	2200	1.18	9.33	9.41	187
225	-6.75	12.96	14.62	152	1225	3.37	6.23	7.08	208	2225	1.26	9.97	10.05	187
250	-6.10	12.81	14.19	154	1250	3.62	6.32	7.29	210	2250	1.25	10.50	10.57	187
275	-5.61	12.76	13.94	156	1275	3.98	6.43	7.56	212	2275	0.87	11.02	11.06	184
300	-5.34	12.91	13.97	157	1300	4.04	6.39	7.56	212	2300	0.03	11.30	11.30	180
325	-5.02	12.89	13.84	159	1325	4.02	6.32	7.49	212	2325	-0.37	11.60	11.61	178
350	-4.50	12.79	13.56	160	1350	3.93	6.44	7.54	211	2350	-0.31	12.01	12.01	178
375	-4.34	12.39	13.13	161	1375	3.94	6.43	7.54	211	2375	-0.25	11.78	11.78	179
400	-4.33	11.71	12.48	160	1400	4.29	6.46	7.76	213	2400	-0.15	11.55	11.55	179
425	-4.04	11.17	11.88	160	1425	4.39	6.73	8.04	213	2425	0.01	11.59	11.59	180
450	-3.85	10.66	11.33	160	1450	4.30	6.77	8.02	212	2450	0.33	11.16	11.16	182
475	-3.74	10.04	10.71	159	1475	4.30	6.76	8.02	212	2475	0.36	10.39	10.40	182
500	-3.52	9.61	10.24	160	1500	3.98	6.66	7.76	211	2500	0.10	9.65	9.65	180
525	-3.31	9.31	9.89	160	1525	3.65	6.56	7.51	209	2525	-0.17	8.99	8.99	179
550	-3.16	8.84	9.39	160	1550	3.55	6.78	7.65	207	2550	-0.17	8.37	8.37	179
575	-3.00	8.52	9.04	160	1575	3.51	7.09	7.91	206	2575	0.15	7.82	7.82	181
600	-2.61	8.35	8.75	162	1600	3.71	7.37	8.25	207	2600	0.31	7.58	7.59	182
625	-2.22	8.07	8.37	164	1625	3.88	7.63	8.56	207	2625	0.23	7.47	7.48	182
650	-2.04	7.82	8.08	165	1650	3.93	7.56	8.52	207	2650	0.22	7.28	7.28	182
675	-1.82	7.42	7.64	166	1675	3.95	7.51	8.48	208	2675	0.26	7.09	7.10	182
700	-1.59	7.13	7.30	167	1700	3.70	7.56	8.41	206	2700	0.25	6.92	6.93	182
725	-1.57	7.12	7.29	167	1725	3.26	7.41	8.10	204	2725	0.39	6.85	6.86	183
750	-1.48	6.99	7.15	168	1750	2.87	7.59	8.12	201	2750	0.52	6.80	6.82	184
775	-1.23	6.65	6.76	169	1775	2.74	7.64	8.11	200	2775	0.51	6.57	6.59	184
800	-1.00	6.05	6.13	170	1800	2.78	7.55	8.05	200	2800	0.63	6.43	6.47	185
825	-0.71	5.55	5.60	173	1825	2.75	7.96	8.42	199	2825	0.73	6.41	6.45	186
850	-0.50	5.37	5.39	174	1850	2.59	8.17	8.58	197	2850	0.73	6.48	6.52	186
875	-0.43	5.19	5.21	175	1875	2.28	8.11	8.42	196	2875	0.86	6.79	6.84	187
900	-0.29	5.17	5.18	177	1900	1.73	8.02	8.21	192	2900	0.87	7.17	7.22	187
925	0.00	5.35	5.35	180	1925	1.42	7.97	8.09	190	2925	0.90	7.66	7.71	187
950	0.30	5.41	5.42	183	1950	1.32	7.97	8.08	189	2950	1.16	8.38	8.46	188
975	0.68	5.53	5.58	187	1975	1.20	7.97	8.06	188	2975	1.47	9.24	9.35	189
1000	1.16	5.76	5.88	191	2000	1.31	8.13	8.24	189	3000	1.79	9.94	10.10	190
1025	1.60	5.80	6.02	195	2025	1.30	8.45	8.55	189	3025	1.92	10.30	10.47	190
1050	1.93	5.78	6.10	198	2050	1.32	8.56	8.66	189	3050	1.86	10.77	10.93	190
1075	2.10	5.79	6.16	200	2075	1.46	8.54	8.66	190	3075	1.74	11.42	11.55	188
1100	2.28	5.80	6.23	201	2100	1.41	8.52	8.64	189	3100	1.56	11.27	11.38	188
1125	2.46	5.79	6.29	203	2125	1.30	8.31	8.41	189	3125	1.60	10.67	10.79	188
1150	2.54	5.67	6.22	204	2150	1.23	8.37	8.46	188	3150	1.81	10.36	10.52	190
1175	2.79	5.62	6.28	206	2175	1.16	8.73	8.81	187	3175	1.98	10.45	10.64	191

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1999 03/26/65, 0015Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	2.11	10.79	10.99	191	4200	1.97	10.36	10.55	191	5200	7.22	8.03	10.79	222
3225	2.08	10.98	11.17	191	4225	2.27	10.26	10.51	192	5225	7.58	8.00	11.02	223
3250	2.01	11.16	11.34	190	4250	2.61	10.20	10.53	194	5250	8.06	7.77	11.20	226
3275	2.12	11.53	11.72	190	4275	2.78	10.35	10.71	195	5275	8.65	7.82	11.66	228
3300	2.14	11.58	11.78	190	4300	3.07	10.41	10.85	196	5300	9.25	8.06	12.27	229
3325	2.20	11.59	11.80	191	4325	3.22	10.25	10.75	197	5325	9.66	8.08	12.59	230
3350	2.28	11.76	11.98	191	4350	3.17	10.31	10.78	197	5350	9.70	8.14	12.66	230
3375	2.41	12.11	12.35	191	4375	3.03	10.71	11.13	196	5375	9.77	8.29	12.81	229
3400	2.54	12.42	12.67	191	4400	2.85	11.06	11.43	194	5400	9.93	8.32	12.95	230
3425	2.53	12.51	12.77	191	4425	2.84	11.56	11.90	194	5425	10.05	8.21	12.98	231
3450	2.55	12.59	12.85	191	4450	2.64	12.27	12.55	192	5450	10.16	8.04	12.95	231
3475	2.59	12.70	12.96	191	4475	2.48	12.92	13.16	191	5475	10.11	7.87	12.81	232
3500	2.84	12.76	13.08	192	4500	2.36	13.29	13.50	190	5500	9.88	7.68	12.52	232
3525	3.01	12.82	13.17	193	4525	2.31	13.42	13.61	190	5525	9.47	7.56	12.11	231
3550	3.07	12.93	13.29	193	4550	2.16	13.69	13.86	189	5550	9.07	7.63	11.85	230
3575	3.24	12.95	13.35	194	4575	1.84	13.90	14.02	187	5575	8.88	7.72	11.77	229
3600	3.25	12.83	13.24	194	4600	1.97	13.71	13.85	188	5600	9.01	7.93	12.00	228
3625	3.27	12.66	13.07	194	4625	2.43	13.20	13.43	190	5625	9.09	8.13	12.19	228
3650	3.20	12.60	13.00	194	4650	2.63	12.69	12.96	192	5650	9.14	8.05	12.18	228
3675	2.97	12.47	12.82	193	4675	2.61	12.01	12.29	192	5675	9.38	7.83	12.22	230
3700	2.80	12.30	12.61	193	4700	2.70	11.42	11.73	193	5700	9.81	7.58	12.39	232
3725	2.60	12.00	12.28	192	4725	2.74	10.94	11.28	194	5725	10.08	7.42	12.52	233
3750	2.57	11.70	11.98	192	4750	2.55	10.70	11.00	193	5750	9.95	7.26	12.32	234
3775	2.62	11.43	11.73	193	4775	2.10	10.54	10.75	191	5775	9.81	7.20	12.17	234
3800	2.54	10.96	11.25	193	4800	2.04	10.50	10.70	191	5800	9.91	7.21	12.26	234
3825	2.43	10.51	10.79	193	4825	2.78	10.43	10.80	195	5825	10.11	7.20	12.41	234
3850	2.38	10.17	10.44	193	4850	3.36	10.15	10.69	198	5850	10.30	7.24	12.59	235
3875	2.44	9.93	10.22	194	4875	3.81	10.06	10.75	201	5875	10.40	7.25	12.68	235
3900	2.44	9.88	10.18	194	4900	4.02	9.56	10.37	203	5900	10.54	7.14	12.73	236
3925	2.44	9.95	10.24	194	4925	4.53	9.57	10.59	205	5925	10.63	7.00	12.73	236
3950	2.39	9.88	10.16	193	4950	4.96	9.69	10.89	207	5950	10.71	6.99	12.79	237
3975	2.35	9.66	9.94	194	4975	5.09	9.22	10.53	209	5975	10.89	7.17	13.04	236
4000	2.48	9.59	9.91	194	5000	5.26	8.96	10.39	210	6000	11.01	7.11	13.10	237
4025	2.47	9.60	9.91	194	5025	5.48	8.79	10.36	212	6025	11.13	7.03	13.17	238
4050	2.29	9.58	9.85	193	5050	5.80	8.66	10.42	214	6050	11.07	7.11	13.16	237
4075	2.04	9.72	9.93	192	5075	5.93	8.50	10.36	215	6075	11.04	7.10	13.13	237
4100	1.86	9.78	9.95	191	5100	5.93	8.51	10.37	215	6100	11.24	6.96	13.22	238
4125	1.78	9.83	9.99	190	5125	5.99	8.37	10.29	215	6125	11.33	6.93	13.28	238
4150	1.73	10.00	10.14	190	5150	6.27	8.16	10.29	217	6150	11.32	7.13	13.38	238
4175	1.75	10.20	10.35	190	5175	6.74	8.07	10.51	220	6175	11.43	7.28	13.55	237

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

TABLE II-66 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1999 03/26/65, 0015Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	11.93	7.36	13.68	237	7200	19.43	4.05	19.84	258	8200	30.17	6.82	30.93	257
6225	11.60	7.47	13.80	237	7225	19.40	4.04	19.81	258	8225	30.22	6.79	30.97	257
6250	11.70	7.75	14.04	236	7250	19.61	4.11	20.04	258	8250	30.13	6.53	30.84	257
6275	11.89	8.18	14.43	235	7275	19.88	4.19	20.32	258	8275	30.18	6.29	30.83	258
6300	12.03	8.46	14.71	235	7300	20.14	4.44	20.63	257	8300	30.26	5.93	30.84	259
6325	11.99	8.54	14.72	234	7325	20.33	4.48	20.82	257	8325	30.24	5.77	30.78	259
6350	12.32	8.87	15.18	234	7350	20.54	4.41	21.01	258	8350	30.17	5.57	30.68	259
6375	12.88	9.32	15.90	234	7375	20.88	4.55	21.37	258	8375	30.20	5.37	30.67	260
6400	13.48	9.48	16.48	235	7400	21.21	4.52	21.68	258	8400	30.26	5.18	30.70	260
6425	13.96	9.36	16.81	236	7425	21.54	4.36	21.97	258	8425	30.13	5.03	30.55	260
6450	14.28	9.08	16.92	237	7450	21.97	4.39	22.40	259	8450	30.13	4.92	30.53	261
6475	14.56	8.75	16.98	239	7475	22.40	4.61	22.87	258	8475	30.12	4.74	30.49	261
6500	14.65	8.36	16.87	240	7500	22.78	4.78	23.28	258	8500	30.04	4.69	30.40	261
6525	14.65	7.87	16.63	242	7525	23.20	4.96	23.73	258	8525	29.85	4.96	30.26	260
6550	14.74	7.63	16.60	242	7550	23.42	4.88	23.92	258	8550	29.72	5.46	30.21	259
6575	14.97	7.68	16.83	243	7575	23.38	4.78	23.86	258	8575	29.65	5.94	30.24	258
6600	15.06	7.66	16.90	243	7600	23.40	4.82	23.90	258	8600	29.53	6.27	30.19	258
6625	15.16	7.65	16.98	243	7625	23.81	4.94	24.31	258	8625	29.34	6.67	30.09	257
6650	15.53	7.61	17.29	244	7650	24.23	5.03	24.75	258	8650	28.83	6.97	29.66	256
6675	16.05	7.39	17.67	245	7675	24.53	5.18	25.07	258	8675	28.49	6.98	29.33	256
6700	16.41	7.37	17.99	246	7700	24.80	5.59	25.42	257	8700	28.27	6.76	29.07	256
6725	16.65	7.29	18.18	246	7725	25.11	5.91	25.80	257	8725	28.22	6.56	28.97	257
6750	16.90	7.11	18.33	247	7750	25.44	6.28	26.20	256	8750	28.13	6.36	28.84	257
6775	17.18	6.94	18.53	248	7775	25.69	6.62	26.53	255	8775	27.98	6.09	28.63	258
6800	17.54	6.75	18.79	249	7800	26.02	6.85	26.91	255	8800	28.09	5.94	28.71	258
6825	17.83	6.44	18.95	250	7825	26.24	7.00	27.16	255	8825	28.18	5.76	28.76	258
6850	18.17	6.00	19.13	252	7850	26.70	7.40	27.71	254	8850	28.31	5.71	28.88	258
6875	18.45	5.71	19.31	253	7875	27.12	7.56	28.15	254	8875	28.12	5.50	28.65	259
6900	18.54	5.46	19.33	253	7900	27.59	7.54	28.60	255	8900	28.00	5.40	28.52	259
6925	18.44	5.12	19.14	254	7925	28.15	7.64	29.17	255	8925	28.10	5.39	28.61	259
6950	18.47	4.95	19.12	255	7950	28.54	7.54	29.52	255	8950	28.07	5.29	28.57	259
6975	18.68	4.95	19.33	255	7975	28.82	7.45	29.77	255	8975	28.02	5.16	28.49	259
7000	18.82	4.75	19.41	256	8000	29.03	7.32	29.94	256	9000	27.99	4.93	28.42	260
7025	18.97	4.58	19.51	256	8025	29.16	7.21	30.04	256	9025	28.04	4.78	28.44	260
7050	19.04	4.51	19.57	256	8050	29.20	7.05	30.04	256	9050	28.20	4.45	28.54	261
7075	19.22	4.48	19.73	257	8075	29.41	7.01	30.23	256	9075	28.32	4.14	28.62	261
7100	19.39	4.22	19.84	258	8100	29.65	6.86	30.43	257	9100	28.38	3.94	28.65	262
7125	19.39	3.98	19.79	258	8125	29.95	6.61	30.67	257	9125	28.42	3.83	28.68	262
7150	19.33	4.10	19.76	258	8150	30.20	6.65	30.93	257	9150	28.36	3.78	28.61	262
7175	19.39	4.11	19.82	258	8175	30.16	6.65	30.88	257	9175	28.37	3.68	28.60	262

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1999 03/26/65, 0015Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	28.49	3.38	28.69	263	10200	27.74	2.61	27.86	264	11200	35.23	4.70	35.54	262
9225	28.47	3.15	28.64	264	10225	27.58	2.86	27.72	264	11225	35.04	4.83	35.38	262
9250	28.47	3.17	28.65	263	10250	27.28	3.01	27.44	264	11250	34.81	5.05	35.17	262
9275	28.78	3.14	28.95	264	10275	27.31	2.99	27.47	264	11275	34.60	5.17	34.98	261
9300	29.12	3.31	29.31	263	10300	27.25	2.89	27.40	264	11300	34.53	5.13	34.91	261
9325	29.40	3.35	29.59	263	10325	27.30	2.78	27.44	264	11325	34.54	5.16	34.92	261
9350	29.48	3.24	29.66	264	10350	27.43	2.73	27.56	264	11350	34.76	5.00	35.11	262
9375	29.50	3.27	29.68	263	10375	27.44	2.71	27.57	264	11375	34.73	5.09	35.10	261
9400	29.52	3.15	29.69	264	10400	27.58	2.69	27.72	264	11400	34.40	5.40	34.82	261
9425	29.45	3.06	29.60	264	10425	27.45	2.71	27.58	264	11425	34.19	5.78	34.68	260
9450	29.28	3.04	29.44	264	10450	27.62	2.84	27.76	264	11450	34.06	6.10	34.60	260
9475	29.12	2.86	29.26	264	10475	28.14	2.91	28.29	264	11475	34.04	6.17	34.59	260
9500	28.94	2.69	29.06	265	10500	28.68	3.20	28.86	263	11500	34.10	6.33	34.68	259
9525	28.72	2.61	28.84	265	10525	28.97	3.24	29.15	263	11525	34.30	6.53	34.91	259
9550	28.70	2.54	28.81	265	10550	29.23	3.25	29.41	263	11550	34.50	6.73	35.16	259
9575	28.39	2.58	28.50	265	10575	29.91	3.51	30.11	263	11575	34.69	6.47	35.29	259
9600	28.03	2.63	28.16	264	10600	30.87	3.73	31.09	263	11600	34.86	6.07	35.38	260
9625	27.55	2.63	27.67	264	10625	31.77	4.14	32.03	262	11625	35.04	6.34	35.61	260
9650	26.92	2.47	27.03	265	10650	32.12	4.32	32.41	262	11650	35.19	6.60	35.81	259
9675	26.70	2.49	26.81	264	10675	32.30	4.27	32.58	262	11675	35.21	6.70	35.84	259
9700	26.60	2.41	26.71	265	10700	32.53	4.39	32.82	262	11700	35.30	6.88	35.96	259
9725	26.56	2.22	26.65	265	10725	32.76	4.53	33.07	262	11725	35.74	6.86	36.39	259
9750	26.74	2.22	26.83	265	10750	33.06	4.56	33.38	262	11750	36.00	6.97	36.67	259
9775	27.02	2.08	27.10	265	10775	33.37	4.61	33.69	262	11775	36.18	6.90	36.83	259
9800	27.27	1.91	27.34	266	10800	33.65	4.90	34.01	262	11800	36.16	6.54	36.74	260
9825	27.46	1.79	27.52	266	10825	33.85	5.08	34.23	261	11825	35.82	6.18	36.35	260
9850	27.49	1.77	27.55	266	10850	34.05	5.06	34.42	261	11850	35.46	5.92	35.95	260
9875	27.68	1.59	27.73	267	10875	34.27	4.95	34.63	262	11875	35.38	5.79	35.85	261
9900	27.76	1.37	27.79	267	10900	34.49	4.80	34.83	262	11900	35.25	5.78	35.72	261
9925	27.87	1.42	27.91	267	10925	34.39	5.04	34.76	261	11925	35.14	5.73	35.61	261
9950	27.90	1.43	27.94	267	10950	34.48	5.02	34.85	262	11950	35.26	5.29	35.65	261
9975	28.03	1.41	28.06	267	10975	34.83	5.13	35.21	261	11975	35.43	5.03	35.79	262
10000	28.19	1.51	28.23	267	11000	34.78	5.30	35.18	261	12000	35.82	4.63	36.12	262
10025	28.02	1.80	28.07	266	11025	34.64	5.33	35.05	261	12025	35.95	4.21	36.20	263
10050	27.86	2.11	27.94	265	11050	34.78	5.41	35.20	261	12050	36.01	3.68	36.19	264
10075	27.70	2.20	27.78	265	11075	34.90	5.08	35.27	262	12075	36.40	2.96	36.52	265
10100	27.55	2.35	27.65	265	11100	34.97	4.90	35.31	262	12100	36.66	2.59	36.75	266
10125	27.52	2.45	27.63	265	11125	35.21	4.77	35.53	262	12125	37.14	1.53	37.18	267
10150	27.51	2.50	27.63	265	11150	35.23	4.77	35.55	262	12150	37.34	0.83	37.35	269
10175	27.59	2.52	27.70	265	11175	35.15	4.78	35.48	262	12175	37.00	0.71	37.00	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-66 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1999 03/26/65, 0015Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	36.87	1.06	36.89	268	13200	38.87	-7.32	39.56	280	14200	30.31	-5.07	30.73	279
12225	36.78	0.89	36.79	268	13225	38.73	-7.56	39.46	281	14225	30.19	-4.92	30.59	279
12250	36.68	0.21	36.68	269	13250	38.58	-7.59	39.32	281	14250	29.83	-5.05	30.26	279
12275	36.77	-0.25	36.77	270	13275	38.56	-7.66	39.32	281	14275	29.48	-5.16	29.93	280
12300	36.54	-0.37	36.54	270	13300	38.27	-7.97	39.09	282	14300	29.25	-4.97	29.66	279
12325	36.12	-0.15	36.12	270	13325	38.29	-8.24	39.16	282	14325	28.90	-4.61	29.26	279
12350	36.13	-0.03	36.13	270	13350	37.88	-8.11	38.74	282	14350	28.70	-4.53	29.05	279
12375	35.93	-0.28	35.94	270	13375	37.25	-8.23	38.15	282	14375	28.60	-4.27	28.92	278
12400	35.69	-0.54	35.70	271	13400	36.91	-8.75	37.93	283	14400	28.33	-3.43	28.53	277
12425	35.75	-0.36	35.75	270	13425	36.74	-9.13	37.86	284	14425	27.97	-3.04	28.13	276
12450	35.67	-0.28	35.67	270	13450	36.44	-8.97	37.53	284	14450	27.85	-3.28	28.05	277
12475	35.72	-0.13	35.72	270	13475	35.89	-8.37	36.86	283	14475	27.81	-3.33	28.00	277
12500	35.77	0.41	35.78	269	13500	35.46	-7.83	36.32	282	14500	27.86	-3.12	28.03	276
12525	35.64	0.32	35.64	269	13525	35.39	-7.35	36.14	282	14525	28.44	-3.27	28.63	276
12550	35.57	-0.01	35.57	270	13550	35.32	-7.33	36.07	282	14550	29.12	-3.25	29.30	276
12575	35.49	-0.30	35.49	270	13575	35.35	-7.74	36.19	282	14575	29.53	-3.11	29.69	276
12600	35.26	-0.14	35.26	270	13600	35.33	-7.76	36.17	282	14600	30.16	-3.43	30.35	276
12625	35.01	0.20	35.01	269	13625	35.21	-7.58	36.02	282	14625	30.52	-3.36	30.70	276
12650	34.95	-0.24	34.95	270	13650	35.21	-7.28	35.96	281	14650	30.69	-2.55	30.79	275
12675	35.00	-0.51	35.01	271	13675	35.00	-6.84	35.66	281	14675	30.99	-2.76	31.11	275
12700	34.98	-0.72	34.99	271	13700	34.61	-6.78	35.27	281	14700	31.28	-3.08	31.43	275
12725	35.44	-0.75	35.45	271	13725	34.37	-6.74	35.03	281	14725	31.46	-2.89	31.59	275
12750	35.50	-0.92	35.51	271	13750	34.25	-7.25	35.01	282	14750	31.74	-2.99	31.88	275
12775	35.38	-1.20	35.40	272	13775	33.92	-7.67	34.77	283	14775	32.14	-2.77	32.26	275
12800	35.60	-1.12	35.62	272	13800	33.59	-7.75	34.47	283	14800	32.21	-2.89	32.34	275
12825	35.79	-1.07	35.80	272	13825	34.11	-7.61	34.95	282	14825	31.86	-3.32	32.03	276
12850	36.26	-1.17	36.28	272	13850	34.51	-7.57	35.33	282	14850	31.42	-3.18	31.58	276
12875	36.54	-1.34	36.56	272	13875	34.54	-7.88	35.43	283	14875	31.25	-3.77	31.48	277
12900	36.63	-1.83	36.68	273	13900	34.46	-7.80	35.33	283	14900	31.60	-4.02	31.85	277
12925	36.68	-2.23	36.74	273	13925	34.36	-7.73	35.22	282	14925	31.77	-4.05	32.03	277
12950	37.01	-2.51	37.10	274	13950	33.51	-7.70	34.38	283	14950	31.66	-5.02	32.05	279
12975	37.27	-2.91	37.39	274	13975	32.73	-7.63	33.60	283	14975	31.47	-5.72	31.98	280
13000	37.55	-3.45	37.71	275	14000	32.19	-7.43	33.04	283	15000	30.99	-6.10	31.58	281
13025	37.64	-3.82	37.83	276	14025	32.02	-7.30	32.85	283	15025	29.90	-6.53	30.60	282
13050	37.72	-4.07	37.94	276	14050	31.69	-7.27	32.51	283	15050	29.07	-6.72	29.83	283
13075	37.61	-4.40	37.87	276	14075	31.43	-6.85	32.17	282	15075	28.45	-6.83	29.26	283
13100	37.56	-5.02	37.89	277	14100	31.25	-6.49	31.91	282	15100	28.16	-7.07	29.04	284
13125	38.22	-5.34	38.59	278	14125	30.84	-5.75	31.37	280	15125	28.03	-7.00	28.89	284
13150	38.71	-5.87	39.15	278	14150	30.68	-5.65	31.20	280	15150	27.46	-6.66	28.26	283
13175	38.77	-6.67	39.34	280	14175	30.45	-5.50	30.95	280	15175	26.82	-6.76	27.66	284

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1999 03/26/65, 0015Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	26.36	-6.85	27.24	284	16200	26.02	-1.84	26.08	274					
15225	25.67	-7.05	26.62	285	16225	25.75	-2.61	25.88	276					
15250	24.78	-5.88	25.47	283	16250	25.14	-3.19	25.34	277					
15275	24.39	-4.73	24.84	281	16275	24.50	-2.60	24.64	276					
15300	23.87	-3.47	24.12	278	16300	24.18	-2.21	24.28	275					
15325	23.62	-2.64	23.77	276										
15350	23.98	-1.84	24.05	274										
15375	24.29	-1.57	24.34	274										
15400	24.56	-0.78	24.57	272										
15425	25.31	0.49	25.31	269										
15450	25.54	0.82	25.56	268										
15475	25.54	1.54	25.58	266										
15500	25.80	1.82	25.86	266										
15525	25.99	2.22	26.08	265										
15550	26.28	2.76	26.43	264										
15575	26.43	2.91	26.59	264										
15600	26.53	3.02	26.70	263										
15625	26.63	3.55	26.86	262										
15650	26.61	4.07	26.91	261										
15675	26.84	4.60	27.23	260										
15700	27.28	4.72	27.69	260										
15725	27.25	5.05	27.71	259										
15750	27.43	5.08	27.90	259										
15775	27.75	4.39	28.10	261										
15800	27.81	3.51	28.03	263										
15825	27.90	3.84	28.16	262										
15850	27.97	3.91	28.24	262										
15875	27.82	3.52	28.04	263										
15900	27.70	3.05	27.87	264										
15925	27.80	2.51	27.91	265										
15950	28.04	1.93	28.11	266										
15975	27.89	1.44	27.92	267										
16000	27.67	1.02	27.69	268										
16025	28.32	-0.54	28.32	271										
16050	28.44	-1.09	28.46	272										
16075	28.36	-0.88	28.37	272										
16100	28.18	-0.74	28.19	271										
16125	27.75	-1.20	27.77	272										
16150	27.14	-1.41	27.18	273										
16175	26.30	-1.02	26.32	272										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE 11-67

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1916 03/27/65, 0119Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-2.73	16.17	16.40	170	1200	3.97	4.69	6.14	220	2200	4.90	-0.43	4.92	275
225	-2.03	15.00	15.13	172	1225	3.90	4.76	6.15	219	2225	4.71	-0.43	4.73	275
250	-1.63	14.13	14.23	173	1250	3.85	4.64	6.03	220	2250	4.29	-0.63	4.34	278
275	-1.08	13.44	13.49	175	1275	3.94	4.16	5.73	223	2275	4.25	-0.65	4.30	279
300	-0.43	13.19	13.20	178	1300	4.07	3.75	5.54	227	2300	4.19	-0.72	4.25	280
325	0.26	12.95	12.96	181	1325	4.08	3.32	5.26	231	2325	4.32	-0.91	4.41	282
350	0.94	12.76	12.80	184	1350	3.85	3.06	4.92	231	2350	4.81	-0.72	4.87	278
375	1.05	12.74	12.78	185	1375	3.79	2.89	4.77	233	2375	5.09	-0.39	5.10	274
400	0.81	12.46	12.49	184	1400	3.70	2.76	4.61	233	2400	5.29	-0.12	5.29	271
425	0.63	12.32	12.34	183	1425	3.49	2.70	4.41	232	2425	5.45	0.12	5.45	269
450	0.66	12.32	12.34	183	1450	3.32	2.59	4.21	232	2450	5.60	0.76	5.66	262
475	0.80	12.22	12.24	184	1475	3.25	2.29	3.98	235	2475	5.81	1.51	6.00	255
500	0.94	12.17	12.20	184	1500	3.32	2.14	3.96	237	2500	5.88	1.84	6.16	252
525	0.92	12.22	12.26	184	1525	3.06	2.00	3.65	237	2525	5.68	1.86	5.98	252
550	1.04	12.03	12.08	185	1550	3.02	1.57	3.40	242	2550	5.54	1.89	5.85	251
575	1.41	11.70	11.79	187	1575	3.21	1.53	3.56	244	2575	5.69	1.83	5.98	252
600	1.57	11.31	11.42	188	1600	3.15	1.47	3.48	245	2600	5.79	1.81	6.06	252
625	1.87	10.74	10.90	190	1625	3.16	0.95	3.30	253	2625	5.76	1.88	6.06	252
650	2.36	10.08	10.35	193	1650	3.08	1.12	3.28	250	2650	5.71	1.96	6.04	251
675	2.84	9.73	10.13	196	1675	3.12	0.98	3.27	252	2675	5.63	1.89	5.94	251
700	3.26	9.35	9.90	199	1700	3.22	0.48	3.26	261	2700	5.25	2.18	5.68	247
725	3.82	8.53	9.35	204	1725	3.47	0.48	3.50	262	2725	5.06	2.34	5.57	245
750	4.41	7.97	9.11	209	1750	3.41	0.54	3.46	261	2750	4.60	2.58	5.28	241
775	4.76	7.58	8.95	212	1775	3.60	0.19	3.61	267	2775	4.20	2.77	5.03	236
800	5.16	7.11	8.78	216	1800	4.22	-0.20	4.22	273	2800	3.97	2.26	4.56	240
825	4.97	6.87	8.48	216	1825	4.26	-0.45	4.29	276	2825	3.59	2.28	4.25	237
850	4.63	6.89	8.30	214	1850	4.24	-0.90	4.34	282	2850	3.58	2.53	4.38	235
875	4.69	6.61	8.10	215	1875	4.33	-1.24	4.51	286	2875	3.50	2.93	4.56	230
900	4.66	6.40	7.91	216	1900	4.47	-1.57	4.74	289	2900	3.91	2.99	4.92	232
925	4.76	6.50	8.06	216	1925	4.55	-1.78	4.89	291	2925	4.63	2.59	5.30	241
950	4.66	6.45	7.95	216	1950	4.32	-2.00	4.76	295	2950	4.79	2.74	5.52	240
975	4.55	6.38	7.83	215	1975	4.50	-2.34	5.08	297	2975	4.89	2.99	5.74	238
1000	4.71	6.15	7.75	217	2000	4.69	-2.69	5.41	300	3000	5.61	2.66	6.21	244
1025	4.72	6.05	7.68	218	2025	4.50	-2.63	5.21	300	3025	6.24	2.47	6.71	248
1050	4.53	6.12	7.61	216	2050	4.62	-2.46	5.23	298	3050	6.08	3.15	6.85	242
1075	4.32	6.00	7.39	216	2075	4.81	-1.91	5.18	291	3075	6.06	3.13	6.82	242
1100	4.01	5.76	7.02	215	2100	5.11	-1.20	5.25	283	3100	6.33	2.89	6.96	245
1125	4.04	5.36	6.71	217	2125	5.20	-0.95	5.29	280	3125	6.47	2.82	7.06	246
1150	4.03	5.23	6.61	217	2150	5.14	-0.91	5.22	280	3150	6.51	2.35	6.93	250
1175	3.86	5.13	6.42	217	2175	5.03	-0.78	5.09	279	3175	6.49	2.25	6.86	251

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1916 03/27/65, 0119Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	6.65	2.30	7.04	251	4200	12.17	3.96	12.80	252	5200	20.69	15.32	25.75	233
3225	6.75	2.62	7.24	249	4225	12.60	3.62	13.11	254	5225	21.26	14.56	25.77	235
3250	6.82	2.55	7.28	249	4250	12.42	4.11	13.08	251	5250	21.32	14.54	25.80	236
3275	6.76	2.32	7.14	251	4275	12.27	4.61	13.11	249	5275	21.39	14.46	25.82	236
3300	6.72	2.23	7.08	251	4300	12.35	4.63	13.19	249	5300	22.48	13.94	26.45	238
3325	6.61	2.27	6.99	251	4325	12.96	4.51	13.72	251	5325	22.41	14.00	26.42	238
3350	6.53	2.16	6.87	252	4350	13.79	4.89	14.63	250	5350	22.09	13.76	26.03	238
3375	6.82	2.07	7.13	253	4375	14.78	5.72	15.85	249	5375	22.01	13.35	25.74	239
3400	7.18	2.12	7.49	253	4400	15.27	6.15	16.46	248	5400	22.50	12.28	25.64	241
3425	7.53	2.27	7.87	253	4425	15.12	7.07	16.69	245	5425	23.36	12.30	26.40	242
3450	8.03	2.38	8.37	253	4450	15.22	7.42	16.94	244	5450	23.64	12.22	26.61	242
3475	8.40	2.29	8.71	255	4475	15.16	6.25	16.40	247	5475	23.84	11.92	26.66	243
3500	8.58	2.77	9.02	252	4500	15.56	5.48	16.49	250	5500	23.78	11.57	26.45	244
3525	8.34	3.35	8.99	248	4525	16.79	5.60	17.70	251	5525	23.57	11.27	26.13	244
3550	8.18	3.49	8.90	247	4550	17.31	6.97	18.66	248	5550	23.40	11.28	25.98	244
3575	8.19	3.54	8.92	246	4575	17.52	8.47	19.47	244	5575	23.70	11.25	26.24	244
3600	7.97	3.66	8.77	245	4600	18.25	9.24	20.45	243	5600	23.76	11.17	26.25	245
3625	8.05	3.71	8.87	245	4625	18.21	9.82	20.69	241	5625	23.38	11.04	25.86	245
3650	7.78	3.99	8.75	243	4650	18.20	9.92	20.73	241	5650	23.49	10.65	25.80	245
3675	7.48	3.54	8.27	245	4675	18.31	11.01	21.36	239	5675	23.70	10.66	25.98	246
3700	7.70	3.30	8.37	247	4700	17.67	12.73	21.78	234	5700	23.92	10.74	26.22	246
3725	7.62	4.07	8.64	242	4725	17.63	13.38	22.13	233	5725	24.05	10.50	26.24	246
3750	7.83	3.91	8.75	243	4750	17.74	13.95	22.57	232	5750	24.16	10.67	26.41	246
3775	8.24	3.64	9.01	246	4775	17.91	14.66	23.15	231	5775	24.13	10.71	26.40	246
3800	8.29	3.76	9.10	245	4800	18.24	15.50	23.93	229	5800	24.16	10.56	26.37	246
3825	7.93	4.44	9.08	241	4825	18.39	15.91	24.31	229	5825	24.08	10.73	26.36	246
3850	7.35	5.31	9.06	234	4850	18.26	16.04	24.30	229	5850	24.01	10.90	26.37	245
3875	7.50	5.26	9.16	235	4875	18.71	16.39	24.87	229	5875	24.26	10.87	26.58	246
3900	7.75	5.63	9.58	234	4900	19.78	16.75	25.92	230	5900	24.25	10.72	26.52	246
3925	8.02	5.42	9.68	236	4925	20.35	16.46	26.17	231	5925	24.23	10.87	26.56	246
3950	8.48	4.79	9.74	240	4950	20.44	16.12	26.03	232	5950	24.52	10.72	26.76	246
3975	8.62	5.22	10.07	239	4975	20.55	16.27	26.21	231	5975	25.05	10.58	27.19	247
4000	8.74	5.67	10.42	237	5000	20.43	15.97	25.93	232	6000	25.00	10.69	27.19	247
4025	9.28	5.27	10.67	240	5025	20.19	15.93	25.72	232	6025	24.78	10.19	26.79	247
4050	9.91	4.52	10.89	245	5050	19.66	16.46	25.65	230	6050	24.61	10.88	26.91	246
4075	9.96	4.85	11.08	244	5075	19.73	16.33	25.62	230	6075	25.03	11.39	27.50	245
4100	10.21	4.69	11.23	245	5100	20.26	16.11	25.88	231	6100	25.67	10.63	27.78	247
4125	10.76	3.93	11.46	250	5125	20.44	15.87	25.88	232	6125	25.27	10.89	27.51	246
4150	11.12	3.93	11.79	250	5150	20.56	15.45	25.72	233	6150	25.32	11.06	27.63	246
4175	11.53	4.09	12.24	250	5175	20.75	15.18	25.71	234	6175	25.71	10.80	27.89	247

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-67 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1916 03/27/65, 0119Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	25.55	10.88	27.77	247	7200	25.10	10.56	27.23	247	8200	26.46	6.46	27.24	256
6225	25.60	11.05	27.88	246	7225	25.21	10.82	27.43	247	8225	26.29	6.41	27.06	256
6250	25.91	10.92	28.12	247	7250	25.17	10.46	27.26	247	8250	25.99	6.39	26.76	256
6275	26.20	10.69	28.30	248	7275	25.31	10.37	27.35	248	8275	26.03	6.65	26.87	255
6300	26.13	10.97	28.33	247	7300	25.19	10.78	27.40	247	8300	26.69	6.78	27.54	256
6325	26.27	10.94	28.46	247	7325	25.16	11.21	27.54	246	8325	26.85	6.40	27.61	256
6350	26.46	10.74	28.56	248	7350	25.63	11.20	27.97	246	8350	26.63	6.24	27.35	257
6375	26.62	10.66	28.68	248	7375	25.73	11.14	28.04	246	8375	26.91	6.38	27.65	256
6400	26.69	10.80	28.79	248	7400	26.19	10.53	28.23	248	8400	27.07	6.17	27.76	257
6425	26.69	11.06	28.89	247	7425	25.51	11.18	27.85	246	8425	26.98	6.45	27.74	256
6450	26.70	11.14	28.93	247	7450	24.99	11.66	27.58	245	8450	26.69	7.24	27.65	255
6475	26.64	11.38	28.96	247	7475	25.66	10.91	27.88	247	8475	26.33	7.50	27.37	254
6500	26.70	11.56	29.09	246	7500	25.30	11.01	27.59	246	8500	26.36	7.21	27.33	255
6525	27.03	11.34	29.31	247	7525	25.22	10.88	27.47	246	8525	26.23	7.35	27.24	254
6550	27.26	11.18	29.47	248	7550	25.22	11.32	27.65	246	8550	26.36	7.34	27.37	254
6575	27.32	11.40	29.60	247	7575	25.38	11.09	27.70	246	8575	26.27	7.38	27.29	254
6600	27.24	11.30	29.50	247	7600	25.52	10.59	27.63	247	8600	26.01	7.56	27.09	254
6625	27.19	11.31	29.45	247	7625	25.59	10.46	27.64	248	8625	26.16	7.47	27.21	254
6650	27.03	11.59	29.41	247	7650	25.51	10.62	27.64	247	8650	26.48	7.34	27.47	254
6675	26.61	11.59	29.02	246	7675	25.62	10.40	27.65	248	8675	26.47	7.54	27.52	254
6700	26.72	11.28	29.01	247	7700	25.90	9.71	27.66	249	8700	26.23	8.16	27.47	253
6725	26.74	10.98	28.91	247	7725	25.89	9.89	27.71	249	8725	26.41	8.26	27.68	252
6750	26.49	11.02	28.69	247	7750	25.89	10.01	27.76	249	8750	26.52	7.95	27.69	253
6775	26.57	11.19	28.83	247	7775	25.93	9.56	27.63	250	8775	26.52	7.67	27.61	254
6800	26.65	10.82	28.76	248	7800	26.01	9.32	27.63	250	8800	26.63	7.81	27.75	253
6825	25.81	11.39	28.21	246	7825	26.15	8.92	27.63	251	8825	26.92	8.00	28.08	253
6850	25.01	11.92	27.71	244	7850	26.15	9.13	27.70	251	8850	27.80	8.41	29.05	253
6875	24.89	11.40	27.37	245	7875	26.05	9.27	27.66	250	8875	27.67	8.72	29.01	252
6900	24.54	11.44	27.07	245	7900	25.98	8.62	27.37	251	8900	26.53	8.45	27.85	252
6925	24.58	11.34	27.07	245	7925	26.48	7.76	27.60	253	8925	26.68	8.94	28.14	251
6950	24.65	11.09	27.03	246	7950	26.65	7.44	27.66	254	8950	26.58	9.09	28.09	251
6975	24.45	11.30	26.94	245	7975	26.22	7.59	27.30	254	8975	26.04	9.63	27.77	250
7000	24.54	11.06	26.92	246	8000	26.27	7.39	27.29	254	9000	26.57	9.63	28.26	250
7025	24.74	10.66	26.94	246	8025	26.75	6.85	27.61	255	9025	26.66	10.16	28.53	249
7050	24.69	10.69	26.91	246	8050	26.70	6.91	27.58	255	9050	26.64	10.42	28.61	248
7075	24.52	10.88	26.82	246	8075	26.63	6.73	27.46	256	9075	27.02	10.33	28.93	249
7100	24.88	10.32	26.93	247	8100	26.74	6.42	27.50	256	9100	26.88	10.85	28.99	248
7125	24.60	10.60	26.79	247	8125	26.81	6.64	27.62	256	9125	27.01	10.93	29.14	248
7150	24.66	10.87	26.95	246	8150	26.96	6.43	27.71	256	9150	27.70	10.29	29.55	249
7175	25.12	10.20	27.11	248	8175	26.81	6.29	27.54	257	9175	27.63	10.20	29.45	250

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 1916 03/27/65, 0119Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	27.53	9.95	29.27	250	10200	29.07	13.76	32.16	244	11200	29.59	11.32	31.68	249
9225	28.31	9.09	29.73	252	10225	28.42	14.99	32.13	242	11225	29.11	11.65	31.36	248
9250	27.55	10.56	29.51	249	10250	27.95	16.09	32.25	240	11250	30.43	9.10	31.76	253
9275	27.23	10.87	29.32	248	10275	27.87	15.94	32.11	240	11275	29.91	10.09	31.57	251
9300	28.05	9.53	29.62	251	10300	27.90	15.94	32.13	240	11300	29.25	10.87	31.20	249
9325	27.79	9.91	29.50	250	10325	27.62	16.07	31.96	240	11325	29.89	9.64	31.41	252
9350	27.81	10.01	29.56	250	10350	28.00	15.36	31.94	241	11350	29.79	9.75	31.35	252
9375	27.78	10.22	29.60	250	10375	28.36	15.06	32.11	242	11375	30.04	9.38	31.47	252
9400	27.72	10.06	29.49	250	10400	28.01	15.48	32.00	241	11400	29.94	9.24	31.33	253
9425	27.91	9.49	29.48	251	10425	28.86	13.76	31.97	244	11425	29.91	9.35	31.33	252
9450	27.40	10.75	29.44	248	10450	29.08	13.09	31.89	246	11450	30.35	8.53	31.53	254
9475	27.75	10.39	29.63	249	10475	28.55	14.20	31.88	243	11475	30.40	8.47	31.56	254
9500	28.34	9.47	29.88	251	10500	28.69	14.25	32.04	243	11500	30.35	8.75	31.58	254
9525	28.12	10.36	29.97	250	10525	29.11	13.11	31.93	246	11525	30.74	8.65	31.94	254
9550	28.21	9.86	29.88	251	10550	29.02	13.01	31.80	246	11550	30.48	10.52	32.24	251
9575	28.09	9.51	29.66	251	10575	28.18	13.93	31.44	244	11575	29.71	12.56	32.26	247
9600	28.13	9.96	29.84	250	10600	28.54	13.17	31.43	245	11600	31.01	11.48	33.06	250
9625	27.89	10.64	29.86	249	10625	28.94	13.05	31.74	246	11625	32.31	10.00	33.82	253
9650	27.84	10.68	29.82	249	10650	28.91	13.10	31.74	245	11650	31.45	11.89	33.63	249
9675	28.16	10.14	29.93	250	10675	28.88	12.97	31.66	246	11675	31.14	12.41	33.52	248
9700	28.00	10.23	29.81	250	10700	28.75	13.13	31.60	245	11700	32.11	10.00	33.63	253
9725	27.60	10.90	29.67	248	10725	28.89	13.02	31.69	246	11725	32.14	10.06	33.67	252
9750	27.80	10.49	29.72	249	10750	29.37	12.22	31.81	247	11750	32.81	9.54	34.17	254
9775	27.73	10.43	29.62	249	10775	29.00	12.95	31.76	246	11775	33.03	9.44	34.35	254
9800	27.59	10.81	29.63	248	10800	28.43	14.14	31.75	243	11800	33.26	9.74	34.66	254
9825	28.21	9.80	29.86	251	10825	29.59	11.93	31.91	248	11825	34.05	9.02	35.23	255
9850	28.04	10.35	29.89	250	10850	29.27	12.19	31.71	247	11850	34.14	8.87	35.28	255
9875	28.18	10.54	30.08	249	10875	28.21	14.26	31.61	243	11875	34.12	9.23	35.35	255
9900	28.70	10.11	30.43	250	10900	29.10	12.81	31.80	246	11900	34.08	9.89	35.49	254
9925	28.83	10.51	30.69	250	10925	29.07	12.24	31.54	247	11925	33.93	10.71	35.58	252
9950	28.83	10.63	30.73	250	10950	28.93	12.50	31.52	246	11950	34.35	10.83	36.02	252
9975	28.73	11.30	30.87	248	10975	29.02	12.53	31.61	246	11975	34.61	10.42	36.15	253
10000	29.29	11.22	31.37	249	11000	28.65	12.70	31.34	246	12000	34.81	9.99	36.22	254
10025	29.54	11.68	31.76	248	11025	28.67	12.60	31.32	246	12025	34.92	10.06	36.34	254
10050	29.05	13.64	32.10	245	11050	28.96	12.41	31.51	247	12050	35.24	9.70	36.55	254
10075	29.59	13.11	32.36	246	11075	29.07	12.03	31.46	247	12075	35.17	9.88	36.54	254
10100	29.72	12.86	32.39	246	11100	29.22	11.65	31.46	248	12100	35.30	9.63	36.59	255
10125	29.45	13.80	32.52	245	11125	29.61	11.17	31.65	249	12125	35.88	9.29	37.07	255
10150	29.31	14.00	32.48	244	11150	29.39	11.45	31.54	249	12150	35.95	8.94	37.04	256
10175	29.09	14.11	32.33	244	11175	29.84	10.59	31.66	250	12175	35.88	8.28	36.82	257

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-67 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 1916 03/27/65, 0119Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	35.52	8.77	36.59	256	13200	34.67	5.67	35.13	261					
12225	35.22	8.74	36.29	256	13225	34.25	6.42	34.85	259					
12250	35.42	7.95	36.30	257	13250	34.00	7.19	34.75	258					
12275	35.07	8.32	36.04	256	13275	33.71	8.05	34.66	256					
12300	35.38	7.74	36.22	257	13300	33.89	8.27	34.89	256					
12325	35.25	7.38	36.01	258	13325	33.63	8.65	34.73	255					
12350	34.96	7.76	35.81	257	13350	33.00	9.08	34.23	254					
12375	35.44	7.13	36.15	258	13375	32.88	10.46	34.51	252					
12400	35.71	6.72	36.33	259	13400	32.93	10.81	34.66	252					
12425	35.67	6.27	36.22	260	13425	32.70	11.18	34.56	251					
12450	35.95	5.62	36.39	261	13450	32.77	11.27	34.65	251					
12475	35.97	5.59	36.40	261	13475	32.71	11.50	34.67	250					
12500	35.83	5.43	36.24	261	13500	32.19	12.45	34.52	249					
12525	35.95	5.20	36.33	262	13525	32.83	11.69	34.85	250					
12550	35.78	4.75	36.09	262	13550	32.73	12.52	35.04	249					
12575	35.25	4.77	35.57	262	13575	32.34	13.36	34.99	247					
12600	35.17	4.71	35.48	262	13600	33.26	12.35	35.48	249					
12625	35.39	4.10	35.63	263	13625	33.55	12.32	35.74	250					
12650	35.84	3.99	36.07	263	13650	34.30	11.66	36.22	251					
12675	36.07	4.20	36.31	263	13675	33.76	13.21	36.25	248					
12700	36.34	4.11	36.57	263	13700	32.99	15.79	36.58	244					
12725	36.31	4.18	36.55	263	13725	34.81	12.71	37.06	250					
12750	36.91	3.37	37.06	265	13750	35.07	12.42	37.20	250					
12775	37.80	2.19	37.86	267	13775	34.70	14.46	37.59	247					
12800	37.96	2.63	38.05	266	13800	35.21	13.37	37.66	249					
12825	38.54	2.63	38.63	266	13825	35.16	13.15	37.54	249					
12850	38.80	2.03	38.86	267	13850	34.68	14.37	37.54	247					
12875	38.90	1.70	38.93	267	13875	35.57	12.80	37.80	250					
12900	38.69	1.95	38.74	267	13900	35.63	12.73	37.84	250					
12925	38.72	1.73	38.76	267	13925	35.80	11.85	37.71	252					
12950	39.15	0.72	39.16	269	13950	35.86	12.80	38.07	250					
12975	38.98	0.37	38.98	269	13975	35.37	13.65	37.92	249					
13000	38.97	0.47	38.98	269	14000	35.37	11.86	37.30	251					
13025	38.62	1.02	38.63	268										
13050	37.43	2.58	37.52	266										
13075	36.75	3.21	36.89	265										
13100	36.70	2.75	36.80	266										
13125	35.62	4.07	35.85	263										
13150	35.32	4.00	35.55	263										
13175	35.07	4.65	35.38	262										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-68

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2113 03/30/65, 0103Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1125	4.25	-0.43	4.27	276	2125	4.81	-0.06	4.81	271	3125	2.26	0.41	2.29	260
1150	4.49	-0.33	4.50	274	2150	4.80	-0.17	4.80	272	3150	2.23	0.39	2.27	260
1175	4.60	-0.15	4.60	272	2175	4.77	-0.26	4.77	273	3175	2.20	0.14	2.20	266
1200	4.62	-0.14	4.63	272	2200	4.76	-0.30	4.77	273	3200	2.26	-0.02	2.26	270
1225	4.74	-0.21	4.75	272	2225	4.74	-0.41	4.76	275	3225	2.45	-0.08	2.45	272
1250	5.00	-0.25	5.00	273	2250	4.65	-0.40	4.67	275	3250	2.68	-0.18	2.68	274
1275	5.18	-0.26	5.19	273	2275	4.57	-0.33	4.59	274	3275	2.91	-0.41	2.94	278
1300	5.10	-0.27	5.10	273	2300	4.56	-0.44	4.58	275	3300	3.18	-0.48	3.22	278
1325	4.86	-0.23	4.87	273	2325	4.58	-0.53	4.62	276	3325	3.47	-0.46	3.50	277
1350	4.64	-0.15	4.64	272	2350	4.67	-0.61	4.71	277	3350	3.52	-0.57	3.57	279
1375	4.76	-0.11	4.76	271	2375	4.59	-0.77	4.66	279	3375	3.30	-0.70	3.38	282
1400	4.98	-0.07	4.98	271	2400	4.43	-0.78	4.50	280	3400	3.14	-0.78	3.23	284
1425	5.18	-0.11	5.18	271	2425	4.54	-0.76	4.60	279	3425	3.18	-0.98	3.33	287
1450	5.40	0.06	5.40	269	2450	4.53	-0.74	4.59	279	3450	3.04	-1.43	3.36	295
1475	5.33	0.58	5.36	264	2475	4.34	-0.77	4.41	280	3475	2.78	-1.79	3.30	303
1500	4.96	1.09	5.08	257	2500	4.23	-0.99	4.35	283	3500	2.56	-2.10	3.31	309
1525	4.73	1.38	4.92	254	2525	4.22	-0.96	4.33	283	3525	2.24	-2.39	3.27	317
1550	4.53	1.50	4.77	251	2550	4.16	-0.83	4.24	281	3550	2.02	-2.49	3.21	321
1575	4.43	1.57	4.70	250	2575	4.14	-0.89	4.23	282	3575	1.94	-2.48	3.15	322
1600	4.32	1.44	4.55	251	2600	4.32	-0.97	4.42	283	3600	1.83	-2.44	3.05	323
1625	4.19	1.16	4.35	254	2625	4.53	-0.97	4.63	282	3625	1.73	-2.45	3.00	325
1650	4.05	0.85	4.13	258	2650	4.70	-0.84	4.78	280	3650	1.74	-2.37	2.94	324
1675	3.99	0.64	4.04	261	2675	4.87	-0.83	4.94	280	3675	1.93	-2.38	3.07	321
1700	4.36	0.46	4.38	264	2700	4.97	-1.12	5.10	282	3700	2.08	-2.48	3.23	320
1725	4.72	0.23	4.72	267	2725	5.04	-1.38	5.23	285	3725	2.16	-2.53	3.33	319
1750	4.82	0.12	4.82	268	2750	5.07	-1.53	5.29	287	3750	2.10	-2.53	3.29	320
1775	4.90	0.17	4.90	268	2775	4.99	-1.65	5.25	288	3775	2.13	-2.22	3.07	316
1800	5.19	0.19	5.19	268	2800	4.77	-1.86	5.12	291	3800	2.22	-1.78	2.84	309
1825	5.64	0.15	5.64	268	2825	4.56	-2.05	5.00	294	3825	2.12	-1.47	2.57	305
1850	5.84	0.18	5.85	268	2850	4.46	-2.04	4.91	294	3850	2.09	-1.29	2.46	301
1875	5.47	0.26	5.48	267	2875	4.18	-1.91	4.60	294	3875	2.12	-1.16	2.42	298
1900	4.87	0.33	4.88	266	2900	3.77	-1.77	4.17	295	3900	2.20	-0.92	2.39	293
1925	4.54	0.41	4.56	265	2925	3.49	-1.80	3.93	297	3925	2.20	-0.77	2.34	289
1950	4.50	0.51	4.53	263	2950	3.25	-1.88	3.75	300	3950	2.12	-0.83	2.28	291
1975	4.61	0.46	4.63	264	2975	3.04	-1.66	3.47	298	3975	2.01	-0.91	2.21	294
2000	4.77	0.28	4.78	266	3000	3.01	-1.29	3.27	293	4000	1.71	-0.84	1.90	296
2025	4.81	0.10	4.81	269	3025	3.10	-1.00	3.26	288	4025	1.37	-0.73	1.55	298
2050	4.71	-0.02	4.71	270	3050	3.18	-0.71	3.26	282	4050	0.99	-0.65	1.18	303
2075	4.60	-0.04	4.60	270	3075	2.90	-0.23	2.91	274	4075	0.68	-0.47	0.83	305
2100	4.69	-0.02	4.69	270	3100	2.43	0.16	2.44	266	4100	0.70	-0.19	0.73	285

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2113 03/30/65, 0103Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4125	0.80	0.16	0.82	258	5125	6.33	-1.85	6.59	286	6125	9.87	-2.73	10.24	285
4150	0.92	0.51	1.06	241	5150	6.53	-1.22	6.64	280	6150	10.25	-2.80	10.63	285
4175	1.16	1.00	1.53	229	5175	6.78	-0.88	6.84	277	6175	10.53	-2.95	10.93	285
4200	1.63	1.61	2.29	225	5200	7.07	-0.81	7.12	276	6200	10.64	-3.03	11.07	286
4225	2.37	1.97	3.08	230	5225	7.12	-0.82	7.17	276	6225	10.83	-3.11	11.27	286
4250	3.13	2.04	3.73	237	5250	7.17	-0.99	7.24	278	6250	10.92	-3.25	11.39	286
4275	3.61	1.97	4.11	241	5275	7.28	-1.19	7.38	279	6275	10.87	-3.45	11.40	287
4300	3.84	1.91	4.29	243	5300	7.40	-1.33	7.52	280	6300	10.85	-3.66	11.45	288
4325	3.90	1.91	4.34	244	5325	7.42	-1.37	7.55	280	6325	10.65	-3.79	11.31	289
4350	3.93	1.82	4.33	245	5350	7.38	-1.50	7.53	281	6350	10.56	-4.10	11.33	291
4375	4.16	1.74	4.51	247	5375	7.34	-1.83	7.57	284	6375	10.78	-4.60	11.72	293
4400	4.26	1.65	4.57	249	5400	7.17	-2.24	7.51	287	6400	11.13	-4.89	12.16	294
4425	4.39	1.56	4.66	250	5425	7.09	-2.64	7.57	290	6425	11.64	-5.24	12.76	294
4450	4.60	1.58	4.86	251	5450	6.99	-2.98	7.59	293	6450	12.03	-5.69	13.30	295
4475	4.85	1.53	5.09	252	5475	6.76	-3.10	7.44	294	6475	12.12	-5.88	13.47	296
4500	5.28	1.39	5.46	255	5500	6.92	-2.78	7.46	292	6500	12.33	-6.08	13.75	296
4525	5.57	1.09	5.68	259	5525	7.44	-2.64	7.90	289	6525	12.62	-6.07	14.01	296
4550	5.92	0.70	5.96	263	5550	7.71	-3.00	8.27	291	6550	12.75	-5.80	14.01	294
4575	6.47	0.60	6.50	265	5575	7.82	-3.29	8.49	293	6575	12.70	-5.66	13.90	294
4600	7.25	1.00	7.31	262	5600	7.92	-3.52	8.66	294	6600	12.60	-5.66	13.81	294
4625	7.87	1.42	8.00	260	5625	8.13	-3.63	8.90	294	6625	12.55	-5.60	13.74	294
4650	8.24	1.31	8.34	261	5650	8.37	-3.61	9.11	293	6650	12.67	-5.43	13.78	293
4675	8.15	0.96	8.21	263	5675	8.51	-3.64	9.26	293	6675	13.16	-5.28	14.18	292
4700	7.45	0.40	7.46	267	5700	8.61	-3.62	9.34	293	6700	13.78	-5.21	14.73	291
4725	6.93	-0.08	6.93	270	5725	8.59	-3.56	9.30	292	6725	14.22	-5.37	15.20	291
4750	6.79	-0.37	6.80	273	5750	8.49	-3.46	9.17	292	6750	14.58	-5.61	15.63	291
4775	6.57	-0.58	6.60	275	5775	8.37	-3.27	8.99	291	6775	14.71	-5.78	15.81	291
4800	6.41	-0.65	6.44	276	5800	8.37	-2.88	8.85	289	6800	14.98	-5.99	16.13	292
4825	6.34	-0.86	6.39	278	5825	8.51	-2.54	8.88	286	6825	15.51	-6.02	16.64	291
4850	6.22	-1.17	6.33	280	5850	8.40	-2.28	8.71	285	6850	16.00	-6.00	17.08	290
4875	6.10	-1.52	6.28	284	5875	7.89	-1.94	8.13	284	6875	16.35	-6.21	17.49	291
4900	5.95	-1.98	6.27	288	5900	7.69	-1.79	7.89	283	6900	16.59	-6.25	17.73	290
4925	6.03	-2.43	6.51	292	5925	7.87	-1.77	8.06	282	6925	16.93	-6.20	18.03	290
4950	6.19	-2.68	6.74	293	5950	8.09	-1.79	8.28	282	6950	17.31	-6.44	18.47	290
4975	6.11	-3.03	6.82	296	5975	8.22	-1.95	8.44	283	6975	17.40	-6.69	18.64	291
5000	6.02	-3.31	6.87	299	6000	8.36	-2.12	8.63	284	7000	17.45	-6.75	18.71	291
5025	5.74	-3.29	6.61	300	6025	8.48	-2.16	8.76	284	7025	17.67	-6.60	18.86	290
5050	5.55	-3.14	6.38	299	6050	8.71	-1.94	8.92	282	7050	17.72	-6.45	18.85	290
5075	5.72	-2.83	6.38	296	6075	9.17	-2.01	9.38	282	7075	17.81	-6.48	18.96	290
5100	6.02	-2.39	6.48	291	6100	9.54	-2.53	9.87	285	7100	17.97	-6.47	19.10	290

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-68 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2113 03/30/65, 0103Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7125	18.09	-6.34	19.17	289	8125	18.62	-5.57	19.44	286	9125	22.48	-1.78	22.55	274
7150	17.94	-6.38	19.04	289	8150	18.76	-5.31	19.50	286	9150	22.79	-1.45	22.84	273
7175	17.53	-6.63	18.74	291	8175	18.68	-5.15	19.38	285	9175	23.16	-1.07	23.18	272
7200	17.06	-6.91	18.41	292	8200	18.70	-4.96	19.35	285	9200	23.36	-1.33	23.40	273
7225	16.60	-7.11	18.06	293	8225	18.97	-4.81	19.57	284	9225	23.44	-1.48	23.68	273
7250	16.26	-7.41	17.87	294	8250	19.09	-4.49	19.61	283	9250	23.49	-1.51	23.54	273
7275	15.86	-7.60	17.58	295	8275	19.26	-3.70	19.61	281	9275	23.43	-1.56	23.48	274
7300	15.69	-7.68	17.47	296	8300	19.33	-3.21	19.60	279	9300	23.41	-1.62	23.47	274
7325	15.54	-7.78	17.38	296	8325	19.26	-3.42	19.56	280	9325	23.56	-1.95	23.64	275
7350	15.46	-7.75	17.30	296	8350	19.57	-3.71	19.92	281	9350	24.16	-2.28	24.27	275
7375	15.66	-7.81	17.50	296	8375	19.96	-3.70	20.30	280	9375	24.64	-2.49	24.77	276
7400	15.70	-7.81	17.54	296	8400	19.73	-3.37	20.01	280	9400	24.57	-2.60	24.70	276
7425	15.76	-7.72	17.54	296	8425	19.20	-3.09	19.45	279	9425	24.67	-2.50	24.80	276
7450	15.91	-7.37	17.54	295	8450	19.14	-2.86	19.35	278	9450	24.79	-2.34	24.90	275
7475	15.87	-6.93	17.31	293	8475	19.22	-2.16	19.34	276	9475	24.86	-2.22	24.96	275
7500	15.97	-6.89	17.39	293	8500	19.31	-1.46	19.36	274	9500	24.97	-2.62	25.11	276
7525	16.13	-7.01	17.59	293	8525	19.57	-1.20	19.61	273	9525	25.29	-3.37	25.52	277
7550	15.92	-6.91	17.35	293	8550	19.64	-1.09	19.67	273	9550	25.86	-3.76	26.13	278
7575	15.78	-6.92	17.23	294	8575	19.74	-1.03	19.77	273	9575	26.21	-3.88	26.50	278
7600	15.95	-7.05	17.44	294	8600	20.18	-1.06	20.20	273	9600	26.29	-3.92	26.58	278
7625	16.13	-7.03	17.60	293	8625	20.62	-0.71	20.63	272	9625	26.25	-3.84	26.53	278
7650	16.19	-6.90	17.60	293	8650	20.88	0.02	20.88	270	9650	26.34	-3.74	26.61	278
7675	16.32	-6.69	17.64	292	8675	21.09	0.64	21.10	268	9675	26.31	-3.72	26.57	278
7700	16.49	-6.61	17.77	292	8700	21.23	1.25	21.26	266	9700	26.14	-3.59	26.38	278
7725	16.61	-6.61	17.87	292	8725	21.07	1.50	21.12	266	9725	26.19	-3.65	26.45	278
7750	16.69	-6.54	17.93	291	8750	20.79	1.34	20.84	266	9750	26.29	-3.82	26.56	278
7775	16.84	-6.46	18.04	291	8775	20.83	1.29	20.87	266	9775	26.34	-3.74	26.60	278
7800	16.88	-6.47	18.08	291	8800	20.90	1.43	20.95	266	9800	26.37	-3.71	26.63	278
7825	16.70	-6.48	17.91	291	8825	20.66	1.60	20.72	265	9825	26.31	-3.64	26.56	278
7850	16.63	-6.48	17.85	291	8850	20.69	1.59	20.75	265	9850	26.43	-3.48	26.66	277
7875	16.83	-6.28	17.96	290	8875	20.70	1.37	20.75	266	9875	26.79	-3.39	27.00	277
7900	16.83	-6.16	17.92	290	8900	20.49	0.78	20.51	268	9900	26.92	-3.48	27.15	277
7925	16.85	-6.25	17.97	290	8925	20.85	-0.29	20.85	271	9925	26.80	-3.79	27.07	278
7950	17.06	-6.33	18.20	290	8950	21.45	-1.00	21.47	272	9950	26.67	-3.93	26.96	278
7975	17.13	-6.53	18.33	291	8975	21.95	-1.06	21.97	273	9975	26.86	-3.78	27.13	278
8000	17.14	-6.74	18.42	291	9000	22.61	-1.27	22.64	273	10000	27.65	-3.66	27.89	277
8025	17.49	-6.66	18.72	291	9025	22.85	-1.40	22.89	273	10025	28.18	-3.71	28.43	277
8050	17.93	-6.44	19.05	290	9050	22.60	-1.47	22.65	274	10050	28.31	-3.63	28.54	277
8075	18.07	-6.32	19.15	289	9075	22.17	-1.48	22.22	274	10075	28.37	-3.85	28.63	278
8100	18.33	-6.00	19.29	288	9100	22.16	-1.51	22.21	274	10100	28.37	-3.98	28.65	278

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2113 03/30/65, 0103Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10125	28.50	-3.88	28.76	278	11125	27.96	-10.14	29.74	290	12125	35.50	5.22	35.88	261
10150	28.65	-3.85	28.90	277	11150	26.94	-10.01	28.74	290	12150	35.70	5.09	36.06	262
10175	28.77	-4.15	29.07	278	11175	26.35	-9.67	28.06	290	12175	35.95	4.98	36.30	262
10200	28.80	-4.58	29.16	279	11200	26.56	-9.05	28.06	289	12200	36.34	4.76	36.65	262
10225	28.91	-4.20	29.21	278	11225	27.09	-8.35	28.35	287	12225	36.65	4.95	36.98	262
10250	28.79	-4.00	29.06	278	11250	27.73	-7.99	28.86	286	12250	36.90	5.29	37.27	262
10275	28.46	-4.04	28.74	278	11275	28.11	-7.56	29.11	285	12275	37.25	5.39	37.63	262
10300	28.46	-4.16	28.77	278	11300	28.05	-7.23	28.97	284	12300	37.85	5.53	38.25	262
10325	28.50	-4.33	28.82	278	11325	28.23	-7.08	29.10	284	12325	38.10	5.18	38.46	262
10350	28.47	-4.27	28.79	278	11350	28.63	-6.96	29.47	283	12350	37.72	4.64	38.00	263
10375	28.43	-4.40	28.77	279	11375	28.72	-6.65	29.48	283	12375	37.34	4.27	37.58	263
10400	28.52	-4.23	28.84	278	11400	28.88	-6.35	29.57	282	12400	37.54	3.85	37.74	264
10425	29.08	-4.22	29.39	278	11425	29.56	-5.79	30.12	281	12425	37.78	3.45	37.94	265
10450	29.25	-5.36	29.74	280	11450	30.74	-4.47	31.07	278	12450	37.88	3.22	38.02	265
10475	29.32	-6.19	29.97	282	11475	31.38	-3.54	31.58	276	12475	37.92	3.42	38.07	265
10500	29.61	-6.33	30.28	282	11500	31.18	-3.63	31.39	276	12500	37.89	3.68	38.07	264
10525	29.82	-6.40	30.50	282	11525	30.85	-4.12	31.12	277	12525	38.02	3.48	38.18	265
10550	29.64	-6.55	30.36	282	11550	30.35	-4.17	30.64	278	12550	38.34	3.13	38.47	265
10575	29.06	-7.69	30.06	285	11575	30.12	-4.37	30.43	278	12575	38.41	2.83	38.52	266
10600	29.26	-8.50	30.47	286	11600	30.51	-4.56	30.85	278	12600	38.02	2.51	38.11	266
10625	29.67	-8.37	30.83	286	11625	31.28	-3.60	31.49	276	12625	37.38	2.11	37.44	267
10650	29.66	-8.51	30.86	286	11650	31.71	-2.30	31.79	274	12650	36.81	1.49	36.84	267
10675	29.95	-8.94	31.26	286	11675	32.15	-1.40	32.18	272	12675	36.70	1.18	36.71	268
10700	30.33	-9.39	31.75	287	11700	32.53	-0.59	32.54	271	12700	36.83	1.38	36.85	268
10725	30.50	-9.82	32.05	288	11725	32.42	0.35	32.42	269	12725	36.31	1.28	36.34	268
10750	30.71	-9.91	32.27	288	11750	32.21	0.93	32.22	268	12750	35.67	0.50	35.68	269
10775	30.93	-10.01	32.51	288	11775	32.17	1.06	32.19	268	12775	35.70	-0.33	35.70	270
10800	31.19	-9.93	32.74	287	11800	32.20	1.22	32.22	268	12800	35.52	-0.64	35.53	271
10825	31.39	-9.85	32.90	287	11825	32.38	1.76	32.43	267	12825	35.56	-0.68	35.56	271
10850	31.38	-10.04	32.95	288	11850	32.53	2.16	32.60	266	12850	35.87	-0.98	35.88	271
10875	31.18	-9.82	32.69	287	11875	32.51	2.43	32.60	266	12875	35.84	-1.43	35.87	272
10900	30.72	-9.66	32.21	287	11900	32.84	2.72	32.95	265	12900	35.85	-1.96	35.90	273
10925	30.64	-9.77	32.16	288	11925	33.20	2.95	33.33	265	12925	35.67	-2.81	35.78	274
10950	30.70	-9.69	32.19	287	11950	33.31	3.16	33.46	264	12950	35.02	-3.14	35.16	275
10975	30.27	-9.83	31.83	288	11975	33.53	3.41	33.71	264	12975	34.94	-3.14	35.08	275
11000	29.47	-9.93	31.10	288	12000	33.86	3.73	34.06	264	13000	35.28	-3.48	35.46	275
11025	28.99	-9.76	30.59	288	12025	34.39	3.96	34.62	263	13025	35.30	-3.92	35.52	276
11050	28.81	-9.86	30.45	289	12050	34.95	4.20	35.20	263	13050	35.08	-4.25	35.34	277
11075	28.59	-10.18	30.35	289	12075	35.25	4.48	35.53	263	13075	35.31	-4.42	35.59	277
11100	28.49	-10.18	30.25	289	12100	35.25	4.90	35.59	262	13100	35.68	-4.47	35.96	277

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-68 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2113 03/30/65, 0103Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13125	35.89	-4.64	36.18	277	14125	27.78	-0.40	27.79	271	15125	33.81	7.81	34.70	257
13150	35.77	-5.35	36.16	278	14150	27.89	0.66	27.89	268	15150	33.99	7.49	34.81	257
13175	35.14	-5.51	35.57	279	14175	27.86	0.70	27.87	268	15175	33.71	7.65	34.57	257
13200	34.47	-5.50	34.91	279	14200	28.25	1.16	28.27	267	15200	33.72	7.36	34.51	258
13225	34.32	-5.85	34.81	279	14225	28.28	1.69	28.33	266	15225	33.66	6.38	34.26	259
13250	34.62	-5.95	35.13	280	14250	28.03	2.19	28.11	265	15250	33.01	5.74	33.51	260
13275	34.76	-6.04	35.28	280	14275	28.00	2.58	28.12	265	15275	33.03	5.88	33.54	260
13300	34.44	-6.13	34.98	280	14300	27.90	3.05	28.07	264	15300	33.10	5.76	33.60	260
13325	34.17	-6.08	34.71	280	14325	28.03	3.68	28.27	262	15325	33.02	5.40	33.46	261
13350	34.42	-6.21	34.98	280	14350	28.16	4.11	28.46	262	15350	32.94	5.39	33.38	261
13375	34.54	-6.70	35.18	281	14375	28.16	5.01	28.60	260	15375	32.85	5.13	33.25	261
13400	34.45	-7.14	35.18	282	14400	28.61	6.41	29.32	257	15400	32.98	4.43	33.28	262
13425	34.45	-7.19	35.20	282	14425	29.15	7.18	30.03	256	15425	32.97	3.84	33.19	263
13450	33.97	-7.64	34.82	282	14450	29.70	7.63	30.66	255	15450	32.88	3.65	33.08	263
13475	33.33	-7.11	34.08	282	14475	30.65	7.64	31.59	256	15475	33.10	3.58	33.29	264
13500	32.82	-6.55	33.47	281	14500	31.59	7.32	32.43	257	15500	33.15	3.55	33.34	264
13525	32.48	-6.71	33.16	281	14525	32.08	7.26	32.90	257	15525	33.42	3.51	33.61	264
13550	32.32	-6.63	33.00	281	14550	32.03	7.92	33.00	256	15550	33.78	2.60	33.88	265
13575	32.17	-7.16	32.96	282	14575	31.97	9.05	33.22	254	15575	33.80	2.33	33.88	266
13600	32.41	-7.68	33.30	283	14600	31.66	9.24	32.98	254	15600	33.94	3.22	34.09	264
13625	32.63	-7.85	33.56	283	14625	31.57	9.83	33.06	253	15625	34.04	3.60	34.23	264
13650	32.36	-8.46	33.45	284	14650	31.93	11.11	33.81	251	15650	34.18	3.67	34.37	264
13675	32.18	-9.41	33.53	286	14675	32.27	11.15	34.14	251	15675	34.07	3.38	34.24	264
13700	32.04	-9.40	33.39	286	14700	32.56	10.85	34.32	251	15700	33.51	2.44	33.60	266
13725	31.69	-9.39	33.06	286	14725	32.76	10.43	34.38	252	15725	33.39	1.59	33.43	267
13750	31.05	-9.86	32.57	287	14750	32.93	10.56	34.59	252	15750	33.26	0.91	33.27	268
13775	30.12	-9.85	31.69	288	14775	33.76	11.10	35.54	252	15775	32.50	0.07	32.50	270
13800	29.32	-9.09	30.70	287	14800	33.54	10.78	35.22	252	15800	31.83	-0.58	31.84	271
13825	28.70	-8.32	29.88	286	14825	33.31	10.50	34.92	252	15825	31.53	-0.73	31.54	271
13850	28.19	-7.65	29.21	285	14850	33.42	10.72	35.10	252	15850	31.24	-1.08	31.26	272
13875	27.79	-6.76	28.60	283	14875	32.91	10.53	34.56	252	15875	30.34	-1.62	30.38	273
13900	27.73	-6.02	28.38	282	14900	33.42	9.80	34.83	253	15900	29.48	-1.51	29.52	273
13925	27.83	-5.30	28.33	281	14925	33.67	9.32	34.93	254	15925	28.87	-1.36	28.90	273
13950	27.73	-4.63	28.11	279	14950	33.71	9.29	34.96	254	15950	28.01	-1.66	28.06	273
13975	27.64	-3.40	27.85	277	14975	34.15	8.86	35.28	255	15975	27.47	-1.78	27.53	274
14000	27.79	-2.97	27.95	276	15000	34.10	8.30	35.10	256	16000	26.91	-1.03	26.93	272
14025	27.61	-2.56	27.73	275	15025	33.70	8.53	34.76	256	16025	25.66	0.49	25.67	269
14050	27.50	-1.76	27.56	273	15050	33.56	8.64	34.65	255	16050	24.67	0.96	24.69	268
14075	27.65	-1.48	27.69	273	15075	33.52	7.87	34.43	257	16075	24.25	0.34	24.25	269
14100	27.65	-1.29	27.68	272	15100	33.64	7.75	34.52	257	16100	23.60	0.35	23.60	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2113 03/30/65, 0103Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16125	23.19	0.39	23.20	269	17125	19.71	1.43	19.76	266					
16150	23.03	0.21	23.03	269	17150	19.88	1.01	19.90	267					
16175	22.67	0.04	22.67	270	17175	19.80	0.58	19.81	268					
16200	22.17	-0.52	22.18	271	17200	19.64	-0.26	19.65	271					
16225	21.93	-0.61	21.93	271	17225	20.04	-1.04	20.06	273					
16250	21.58	-0.35	21.58	271	17250	20.42	-1.55	20.48	274					
16275	21.41	0.12	21.41	270	17275	20.07	-3.67	20.40	280					
16300	20.64	0.50	20.64	268	17300	19.25	-5.46	20.00	286					
16325	19.65	0.56	19.65	268	17325	18.40	-5.24	19.13	286					
16350	18.95	1.32	19.00	266	17350	17.72	-5.27	18.48	286					
16375	18.62	2.25	18.76	263	17375	17.09	-5.84	18.06	289					
16400	18.14	2.87	18.36	261	17400	16.71	-5.48	17.59	288					
16425	17.89	3.19	18.17	260	17425	16.05	-5.71	17.03	289					
16450	17.96	3.89	18.38	258	17450	15.76	-5.38	16.66	289					
16475	17.68	4.87	18.34	254	17475	15.47	-5.25	16.33	289					
16500	16.77	4.79	17.44	254	17500	14.90	-4.75	15.64	287					
16525	16.57	4.84	17.26	254	17525	14.31	-3.72	14.79	284					
16550	16.42	5.66	17.37	251	17550	13.83	-3.77	14.34	285					
16575	16.40	5.98	17.46	250	17575	13.70	-4.12	14.31	287					
16600	16.92	5.95	17.94	250										
16625	17.72	6.73	18.95	249										
16650	17.95	6.90	19.23	249										
16675	17.62	7.10	18.99	248										
16700	17.51	7.00	18.86	248										
16725	17.40	6.26	18.49	250										
16750	17.11	6.06	18.15	250										
16775	17.66	5.82	18.59	252										
16800	18.23	5.31	18.99	254										
16825	18.26	4.86	18.90	255										
16850	18.28	4.48	18.82	256										
16875	18.76	4.34	19.26	257										
16900	18.97	4.00	19.39	258										
16925	18.75	3.97	19.17	258										
16950	18.79	4.58	19.34	256										
16975	18.81	4.37	19.31	257										
17000	18.83	3.95	19.24	258										
17025	19.04	3.82	19.42	258										
17050	19.24	3.57	19.57	259										
17075	19.04	2.76	19.24	262										
17100	19.17	1.58	19.23	265										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-69

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2119 03/30/65, 1800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
275	-2.15	-0.23	2.16	84	1275	5.53	-1.18	5.65	282	2275	5.25	1.86	5.57	250
300	-2.01	-0.15	2.01	85	1300	5.89	-1.21	6.01	281	2300	5.31	2.24	5.76	247
325	-1.85	-0.14	1.85	86	1325	6.27	-1.17	6.38	280	2325	5.42	2.25	5.87	247
350	-1.89	0.01	1.89	90	1350	6.59	-1.45	6.75	282	2350	5.53	2.32	6.00	247
375	-2.03	-0.00	2.03	90	1375	6.66	-1.47	6.82	282	2375	5.54	2.37	6.03	247
400	-1.94	-0.03	1.94	89	1400	6.56	-1.10	6.65	279	2400	5.28	2.31	5.76	246
425	-1.70	0.14	1.70	95	1425	6.53	-0.89	6.59	278	2425	4.85	2.22	5.34	245
450	-1.17	0.09	1.18	94	1450	6.63	-1.06	6.72	279	2450	4.50	2.19	5.01	244
475	-0.67	-0.06	0.67	85	1475	6.63	-1.22	6.74	280	2475	4.16	2.19	4.70	242
500	-0.43	0.19	0.47	114	1500	6.63	-1.24	6.75	280	2500	4.02	2.36	4.67	239
525	-0.06	0.20	0.21	164	1525	6.91	-1.14	7.00	279	2525	3.94	2.55	4.69	237
550	0.23	-0.11	0.25	295	1550	7.13	-1.00	7.20	278	2550	3.92	2.55	4.68	237
575	0.41	-0.27	0.48	303	1575	7.20	-1.02	7.27	278	2575	4.07	2.59	4.83	237
600	0.49	-0.37	0.62	307	1600	7.33	-1.05	7.41	278	2600	3.98	2.71	4.81	236
625	0.68	-0.25	0.73	290	1625	7.38	-0.79	7.42	276	2625	3.87	2.80	4.78	234
650	1.11	0.02	1.11	269	1650	7.45	-0.64	7.48	275	2650	3.84	3.00	4.87	232
675	1.27	0.08	1.28	266	1675	7.46	-0.56	7.48	274	2675	3.73	3.22	4.93	229
700	1.39	-0.00	1.39	270	1700	7.35	-0.22	7.35	272	2700	3.82	3.23	5.00	230
725	1.58	0.08	1.58	267	1725	7.31	-0.00	7.31	270	2725	3.76	3.19	4.93	230
750	1.63	0.12	1.63	266	1750	7.34	-0.06	7.34	270	2750	3.73	3.20	4.91	229
775	1.82	-0.07	1.82	272	1775	7.26	-0.07	7.26	270	2775	4.01	3.18	5.12	231
800	2.25	-0.10	2.25	272	1800	7.07	0.00	7.07	270	2800	4.34	3.03	5.29	235
825	2.87	-0.05	2.87	271	1825	7.03	-0.01	7.03	270	2825	4.83	2.88	5.62	239
850	3.22	-0.20	3.22	273	1850	7.07	-0.14	7.07	271	2850	5.27	3.04	6.08	240
875	3.13	-0.40	3.16	277	1875	7.28	-0.20	7.28	271	2875	5.46	3.39	6.43	238
900	3.09	-0.70	3.17	283	1900	7.43	-0.11	7.43	271	2900	5.63	3.59	6.67	237
925	3.12	-0.81	3.23	284	1925	7.43	0.13	7.43	269	2925	5.88	3.62	6.91	238
950	3.15	-0.82	3.26	284	1950	7.41	0.32	7.41	267	2950	6.22	3.50	7.14	240
975	3.13	-0.88	3.25	286	1975	7.44	0.42	7.45	267	2975	6.42	3.15	7.16	244
1000	3.26	-0.82	3.36	284	2000	7.50	0.42	7.51	267	3000	6.46	2.87	7.07	246
1025	3.50	-0.80	3.59	283	2025	7.39	0.38	7.40	267	3025	6.72	2.66	7.22	248
1050	3.63	-0.69	3.69	281	2050	7.12	0.32	7.13	267	3050	7.14	2.32	7.51	252
1075	3.90	-0.61	3.95	279	2075	6.79	0.29	6.80	267	3075	7.46	2.21	7.78	253
1100	4.18	-0.69	4.23	279	2100	6.56	0.58	6.59	265	3100	7.55	2.28	7.88	253
1125	4.43	-0.85	4.51	281	2125	6.31	0.88	6.37	262	3125	7.51	2.30	7.85	253
1150	4.50	-0.85	4.58	281	2150	6.23	1.11	6.33	260	3150	7.52	2.21	7.84	253
1175	4.30	-0.64	4.35	278	2175	6.23	1.21	6.35	259	3175	7.58	2.15	7.88	254
1200	4.38	-0.71	4.44	279	2200	5.92	1.07	6.02	260	3200	7.68	2.09	7.96	255
1225	4.74	-0.83	4.82	280	2225	5.52	1.09	5.63	259	3225	7.71	1.84	7.92	256
1250	5.12	-0.90	5.20	280	2250	5.29	1.33	5.46	256	3250	7.72	1.58	7.87	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2119 03/30/65, 1800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3275	7.77	1.39	7.89	260	4275	11.21	-2.77	11.54	284	5275	8.78	-5.61	10.42	302
3300	7.66	1.09	7.74	262	4300	11.31	-3.33	11.79	286	5300	8.85	-5.54	10.44	302
3325	7.42	0.75	7.45	264	4325	11.22	-3.53	11.76	287	5325	8.85	-5.58	10.46	302
3350	7.41	0.79	7.45	264	4350	11.27	-3.67	11.85	288	5350	8.76	-5.60	10.40	302
3375	7.59	1.18	7.68	261	4375	11.18	-3.87	11.83	289	5375	8.78	-5.59	10.41	302
3400	7.90	1.57	8.05	259	4400	11.08	-3.98	11.77	290	5400	8.71	-5.70	10.41	303
3425	8.28	1.82	8.48	257	4425	11.01	-4.42	11.87	292	5425	8.72	-5.72	10.43	303
3450	8.26	1.98	8.50	256	4450	11.14	-4.80	12.13	293	5450	8.88	-5.80	10.61	303
3475	8.11	1.82	8.31	257	4475	11.09	-5.02	12.17	294	5475	8.99	-5.97	10.79	303
3500	7.75	1.21	7.84	261	4500	10.93	-5.33	12.16	296	5500	9.18	-6.13	11.04	304
3525	7.38	0.95	7.44	263	4525	10.94	-5.51	12.25	297	5525	9.45	-6.36	11.39	304
3550	7.14	0.91	7.20	263	4550	10.80	-5.71	12.22	298	5550	9.86	-6.66	11.90	304
3575	6.84	0.84	6.89	263	4575	10.66	-5.86	12.16	299	5575	10.22	-6.98	12.37	304
3600	6.57	0.87	6.63	262	4600	10.77	-5.85	12.26	298	5600	10.40	-7.22	12.66	305
3625	6.07	0.97	6.15	261	4625	10.74	-5.87	12.24	298	5625	10.81	-7.55	13.18	305
3650	5.28	1.33	5.45	256	4650	10.66	-6.12	12.30	300	5650	11.48	-7.70	13.82	304
3675	4.64	1.97	5.04	247	4675	10.76	-6.37	12.51	300	5675	12.12	-7.35	14.17	301
3700	4.77	2.46	5.37	243	4700	10.61	-6.43	12.41	301	5700	12.42	-6.88	14.19	299
3725	5.54	2.29	5.99	247	4725	10.36	-6.32	12.14	301	5725	12.55	-6.60	14.18	298
3750	6.30	1.73	6.54	254	4750	10.18	-6.06	11.85	301	5750	12.78	-6.33	14.26	296
3775	6.86	1.36	6.99	259	4775	10.22	-5.90	11.80	300	5775	12.71	-6.09	14.09	295
3800	7.61	1.05	7.68	262	4800	10.22	-5.93	11.82	300	5800	12.57	-5.95	13.91	295
3825	8.15	0.49	8.17	266	4825	10.05	-6.05	11.73	301	5825	12.76	-5.73	13.99	294
3850	8.35	0.07	8.35	269	4850	9.88	-6.00	11.55	301	5850	12.89	-5.39	13.97	293
3875	8.60	0.08	8.60	269	4875	9.76	-5.83	11.37	301	5875	12.84	-4.96	13.76	291
3900	8.84	0.29	8.84	268	4900	9.68	-5.82	11.29	301	5900	12.82	-4.68	13.65	290
3925	9.22	0.23	9.22	268	4925	9.58	-5.72	11.16	301	5925	12.91	-4.52	13.68	289
3950	9.82	-0.29	9.82	272	4950	9.44	-5.63	10.99	301	5950	12.92	-4.43	13.65	289
3975	10.51	-0.86	10.54	274	4975	8.75	-5.56	10.37	302	5975	13.14	-4.25	13.81	288
4000	10.81	-0.93	10.85	275	5000	8.65	-5.53	10.27	302	6000	13.35	-4.06	13.95	287
4025	10.73	-0.91	10.77	275	5025	9.09	-5.51	10.63	301	6025	13.38	-3.97	13.96	286
4050	10.62	-1.03	10.67	275	5050	9.16	-5.51	10.69	301	6050	13.48	-3.92	14.04	286
4075	10.48	-1.03	10.53	275	5075	9.28	-5.61	10.84	301	6075	13.43	-3.75	13.94	285
4100	10.39	-0.91	10.43	275	5100	9.31	-5.53	10.83	301	6100	13.44	-3.14	13.81	283
4125	10.49	-1.02	10.54	275	5125	9.21	-5.53	10.75	301	6125	13.48	-2.71	13.75	281
4150	10.82	-1.23	10.89	276	5150	9.01	-5.69	10.66	302	6150	13.38	-2.63	13.64	281
4175	11.26	-1.35	11.34	277	5175	8.94	-5.70	10.60	302	6175	13.41	-2.43	13.63	280
4200	11.44	-1.66	11.56	278	5200	9.03	-5.68	10.67	302	6200	13.47	-2.30	13.66	280
4225	11.43	-2.00	11.61	280	5225	9.03	-5.67	10.66	302	6225	13.33	-2.17	13.50	279
4250	11.22	-2.25	11.44	281	5250	8.87	-5.65	10.51	302	6250	13.14	-1.98	13.29	278

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-69 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 2119 03/30/65, 1800Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6275	13.06	-1.93	13.21	278	7275	14.32	-2.59	14.55	280	8275	18.56	-1.83	18.65	275
6300	13.02	-1.90	13.16	278	7300	14.28	-2.97	14.59	282	8300	19.03	-2.00	19.14	276
6325	13.03	-1.86	13.16	278	7325	14.27	-3.16	14.62	282	8325	19.22	-2.24	19.35	276
6350	12.96	-1.64	13.06	277	7350	14.29	-3.41	14.69	283	8350	19.32	-2.59	19.49	277
6375	12.76	-1.59	12.86	277	7375	14.31	-3.42	14.71	283	8375	19.39	-3.00	19.62	279
6400	12.52	-1.48	12.61	277	7400	14.17	-2.98	14.48	282	8400	19.43	-3.26	19.70	279
6425	12.31	-1.26	12.37	276	7425	14.10	-2.74	14.37	281	8425	19.50	-3.44	19.81	280
6450	12.24	-1.00	12.28	274	7450	14.16	-2.70	14.42	281	8450	19.42	-3.60	19.75	280
6475	12.16	-0.80	12.19	274	7475	14.36	-2.51	14.58	280	8475	19.31	-3.90	19.70	281
6500	12.04	-0.82	12.06	274	7500	14.70	-2.41	14.89	279	8500	19.54	-3.96	19.93	281
6525	12.17	-0.87	12.21	274	7525	14.84	-2.58	15.07	280	8525	19.71	-4.21	20.15	282
6550	12.35	-1.00	12.39	274	7550	14.87	-2.67	15.10	280	8550	19.80	-4.61	20.33	283
6575	12.43	-1.41	12.51	276	7575	14.90	-2.73	15.15	280	8575	19.86	-4.92	20.46	284
6600	12.57	-1.75	12.69	278	7600	15.06	-2.68	15.29	280	8600	19.98	-5.13	20.63	284
6625	12.47	-1.85	12.60	278	7625	15.42	-2.21	15.57	278	8625	20.18	-5.18	20.84	284
6650	12.37	-1.94	12.52	279	7650	15.72	-1.58	15.80	276	8650	20.58	-5.43	21.28	285
6675	12.49	-2.29	12.70	280	7675	15.94	-1.11	15.98	274	8675	21.34	-5.68	22.08	285
6700	12.45	-2.68	12.73	282	7700	16.11	-1.02	16.14	273	8700	22.02	-5.81	22.77	285
6725	12.40	-2.86	12.73	283	7725	16.09	-0.91	16.11	273	8725	22.70	-5.76	23.42	284
6750	12.48	-3.02	12.84	283	7750	15.97	-0.88	16.00	273	8750	23.02	-5.80	23.74	284
6775	12.63	-2.94	12.96	283	7775	16.03	-1.07	16.06	274	8775	23.14	-5.74	23.84	284
6800	12.65	-2.77	12.95	282	7800	16.00	-1.13	16.04	274	8800	23.46	-5.49	24.09	283
6825	12.53	-2.60	12.79	282	7825	15.88	-1.14	15.92	274	8825	23.76	-5.27	24.34	282
6850	12.73	-2.61	12.99	281	7850	15.92	-1.23	15.97	274	8850	23.87	-5.11	24.41	282
6875	13.17	-2.84	13.48	282	7875	15.82	-1.37	15.88	275	8875	23.76	-4.84	24.25	281
6900	13.66	-3.07	14.00	282	7900	15.79	-1.40	15.85	275	8900	23.90	-4.60	24.33	281
6925	14.07	-2.97	14.38	282	7925	15.78	-1.22	15.83	274	8925	24.16	-4.50	24.57	280
6950	14.15	-2.50	14.37	280	7950	15.77	-1.18	15.82	274	8950	24.32	-4.48	24.73	280
6975	13.95	-2.18	14.12	279	7975	16.00	-1.12	16.04	274	8975	24.43	-4.51	24.85	280
7000	13.86	-1.60	13.95	276	8000	16.24	-0.99	16.27	273	9000	24.34	-4.54	24.76	280
7025	13.85	-1.01	13.88	274	8025	16.35	-1.10	16.39	274	9025	24.54	-4.72	24.99	281
7050	13.93	-0.84	13.95	273	8050	16.56	-1.14	16.60	274	9050	24.93	-4.71	25.37	281
7075	14.13	-0.42	14.14	272	8075	16.92	-1.42	16.98	275	9075	25.15	-4.68	25.59	280
7100	14.19	-0.29	14.20	271	8100	17.06	-1.58	17.14	275	9100	25.37	-4.49	25.76	280
7125	14.22	-0.31	14.23	271	8125	17.20	-1.53	17.26	275	9125	25.59	-4.26	25.95	279
7150	14.40	-0.38	14.41	271	8150	17.45	-1.73	17.54	275	9150	25.76	-4.20	26.11	279
7175	14.67	-1.00	14.70	274	8175	17.51	-1.79	17.60	276	9175	25.62	-4.07	25.94	279
7200	14.80	-1.50	14.88	276	8200	17.62	-1.70	17.71	275	9200	25.24	-3.98	25.55	279
7225	14.55	-1.85	14.66	277	8225	17.91	-1.65	17.99	275	9225	25.09	-3.99	25.40	279
7250	14.32	-2.24	14.50	279	8250	18.17	-1.78	18.26	275	9250	25.51	-3.89	25.80	278

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 2119 03/30/65, 1800Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9275	25.80	-3.77	26.07	278	10275	27.17	3.52	27.40	262	11275	35.60	1.44	35.63	267
9300	25.69	-3.70	25.96	278	10300	27.19	3.39	27.40	263	11300	35.82	1.77	35.86	267
9325	25.74	-3.69	26.01	278	10325	27.44	2.97	27.60	264	11325	35.77	1.90	35.83	267
9350	25.71	-3.70	25.98	278	10350	27.63	2.73	27.76	264	11350	35.89	1.86	35.94	267
9375	25.77	-3.55	26.01	278	10375	27.94	2.68	28.07	264	11375	36.24	1.65	36.27	267
9400	25.84	-3.26	26.05	277	10400	28.20	2.49	28.31	265	11400	36.38	0.94	36.40	268
9425	25.66	-3.24	25.86	277	10425	28.05	2.34	28.15	265	11425	36.38	0.63	36.39	269
9450	25.56	-2.96	25.73	276	10450	27.95	2.71	28.08	264	11450	36.20	0.67	36.20	269
9475	25.55	-2.46	25.67	275	10475	27.83	3.04	28.00	264	11475	36.36	0.33	36.36	269
9500	25.73	-2.17	25.82	275	10500	27.81	3.06	27.98	264	11500	36.82	0.09	36.82	270
9525	25.80	-1.92	25.87	274	10525	27.88	3.23	28.07	263	11525	36.84	0.55	36.84	269
9550	25.88	-1.80	25.94	274	10550	28.15	3.59	28.38	263	11550	36.17	1.50	36.20	267
9575	26.06	-1.51	26.10	273	10575	28.46	3.57	28.68	263	11575	35.43	2.53	35.52	266
9600	26.05	-1.31	26.09	273	10600	28.70	3.42	28.90	263	11600	34.73	3.60	34.92	264
9625	25.98	-1.32	26.01	273	10625	28.97	3.37	29.17	263	11625	34.42	3.72	34.62	264
9650	25.88	-1.18	25.91	272	10650	29.10	3.42	29.30	263	11650	34.47	2.95	34.60	265
9675	25.69	-0.90	25.70	272	10675	29.49	3.71	29.72	263	11675	34.35	1.87	34.40	267
9700	25.75	-0.66	25.76	271	10700	29.79	3.88	30.04	262	11700	34.19	1.63	34.23	267
9725	25.87	-0.41	25.87	271	10725	29.96	3.64	30.18	263	11725	34.04	1.42	34.07	267
9750	25.78	-0.23	25.78	270	10750	30.15	3.56	30.36	263	11750	33.78	1.03	33.79	268
9775	25.70	-0.17	25.70	270	10775	30.20	3.86	30.44	263	11775	33.44	0.75	33.44	269
9800	25.78	0.11	25.78	270	10800	30.39	4.04	30.65	262	11800	32.63	0.06	32.63	270
9825	25.86	0.39	25.86	269	10825	30.72	3.55	30.93	263	11825	32.23	0.48	32.24	269
9850	25.80	0.46	25.80	269	10850	31.20	3.05	31.35	264	11850	32.46	1.32	32.49	267
9875	25.81	0.51	25.82	269	10875	31.47	2.67	31.58	265	11875	32.78	1.55	32.81	267
9900	25.88	0.56	25.89	269	10900	31.86	2.02	31.92	266	11900	33.21	1.54	33.25	267
9925	25.91	0.67	25.92	268	10925	32.66	1.38	32.69	267	11925	33.75	1.55	33.79	267
9950	25.91	0.75	25.92	268	10950	33.47	0.81	33.48	268	11950	34.24	2.39	34.33	266
9975	25.81	0.94	25.83	268	10975	33.96	0.56	33.96	269	11975	34.42	3.81	34.63	264
10000	25.79	1.45	25.83	267	11000	34.60	0.25	34.60	269	12000	34.89	4.81	35.22	262
10025	25.96	1.83	26.03	266	11025	35.21	0.00	35.21	270	12025	35.34	5.28	35.73	261
10050	26.14	2.12	26.23	265	11050	35.91	-0.61	35.92	271	12050	35.78	5.24	36.16	261
10075	26.20	2.36	26.30	265	11075	36.49	-0.55	36.50	271	12075	36.56	4.88	36.89	262
10100	26.12	2.46	26.23	264	11100	36.55	0.19	36.55	270	12100	36.90	4.80	37.21	262
10125	25.96	2.57	26.09	264	11125	36.27	0.53	36.28	269	12125	36.94	4.13	37.17	263
10150	26.06	2.86	26.22	264	11150	35.83	0.85	35.84	268	12150	37.15	3.52	37.32	264
10175	26.39	3.13	26.57	263	11175	35.42	1.08	35.44	268	12175	37.02	3.30	37.17	265
10200	26.57	3.42	26.79	262	11200	35.52	1.37	35.55	268	12200	36.73	3.06	36.85	265
10225	26.74	3.35	26.95	263	11225	35.86	1.42	35.89	268	12225	37.06	2.33	37.13	266
10250	27.03	3.17	27.22	263	11250	35.71	1.24	35.73	268	12250	37.23	1.83	37.28	267

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-69 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2119 03/30/65, 1800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12275	37.09	1.75	37.13	267	13275	42.90	-0.95	42.91	271	14275	35.03	0.07	35.03	270
12300	37.21	1.22	37.23	268	13300	42.60	-1.86	42.64	272	14300	34.96	0.89	34.97	268
12325	37.63	1.73	37.67	267	13325	42.41	-2.54	42.48	273	14325	34.91	0.14	34.91	270
12350	37.89	2.40	37.96	266	13350	42.01	-3.22	42.14	274	14350	35.10	0.23	35.10	269
12375	38.09	2.39	38.16	266	13375	41.54	-4.06	41.74	275	14375	34.80	0.54	34.81	269
12400	38.61	2.82	38.71	266	13400	41.27	-4.66	41.54	276	14400	34.58	0.46	34.58	269
12425	39.05	3.06	39.17	265	13425	40.90	-5.37	41.25	277	14425	34.14	-0.30	34.15	270
12450	39.56	3.19	39.69	265	13450	40.59	-6.16	41.06	278	14450	34.25	-0.65	34.25	271
12475	39.91	3.33	40.05	265	13475	40.05	-7.10	40.67	280	14475	34.22	0.43	34.23	269
12500	40.13	3.59	40.29	265	13500	39.17	-8.20	40.02	282	14500	33.70	0.82	33.71	268
12525	40.42	3.96	40.61	264	13525	38.51	-8.42	39.42	282	14525	33.44	-0.49	33.44	271
12550	40.47	3.73	40.64	265	13550	37.55	-8.28	38.45	282	14550	33.13	-0.40	33.13	271
12575	40.54	3.23	40.66	265	13575	35.88	-7.97	36.76	282	14575	32.50	0.12	32.50	270
12600	40.69	2.76	40.78	266	13600	34.35	-8.78	35.46	284	14600	32.54	0.12	32.54	270
12625	41.04	2.53	41.12	266	13625	32.96	-8.89	34.14	285	14625	32.69	-0.04	32.69	270
12650	41.22	2.52	41.30	266	13650	31.77	-7.56	32.66	283	14650	32.61	0.01	32.61	270
12675	41.48	2.68	41.56	266	13675	31.19	-6.94	31.95	282	14675	32.24	1.16	32.26	268
12700	41.71	2.74	41.80	266	13700	30.84	-6.14	31.45	281	14700	31.90	0.95	31.91	268
12725	41.68	2.38	41.75	267	13725	30.53	-5.28	30.99	280	14725	32.02	0.14	32.02	270
12750	42.00	2.08	42.05	267	13750	30.33	-4.42	30.65	278	14750	32.19	0.51	32.19	269
12775	42.28	2.10	42.34	267	13775	29.82	-3.54	30.03	277	14775	32.28	0.84	32.29	268
12800	42.39	2.37	42.45	267	13800	29.44	-2.87	29.58	275	14800	32.32	0.90	32.33	268
12825	42.39	2.39	42.46	267	13825	29.51	-2.52	29.62	275	14825	32.14	1.36	32.17	267
12850	42.62	2.34	42.69	267	13850	29.63	-2.29	29.72	274	14850	32.32	1.04	32.34	268
12875	42.67	2.69	42.76	266	13875	29.32	-2.32	29.41	274	14875	32.41	1.22	32.43	268
12900	42.49	3.61	42.65	265	13900	29.08	-2.07	29.15	274	14900	32.55	1.54	32.59	267
12925	42.33	3.47	42.47	265	13925	29.61	-1.47	29.65	273	14925	32.42	1.61	32.46	267
12950	42.16	3.33	42.29	265	13950	29.86	-1.66	29.90	273	14950	32.32	1.90	32.38	266
12975	42.23	3.65	42.39	265	13975	30.11	-1.09	30.13	272	14975	32.82	2.02	32.89	266
13000	42.01	3.97	42.19	264	14000	30.51	-0.24	30.51	270	15000	32.35	1.98	32.41	266
13025	42.10	3.60	42.25	265	14025	30.46	-0.66	30.47	271	15025	32.02	1.48	32.06	267
13050	42.45	3.02	42.56	266	14050	30.49	-0.27	30.49	270	15050	32.09	1.37	32.12	267
13075	42.63	3.12	42.74	266	14075	30.77	-0.16	30.77	270	15075	31.98	1.57	32.02	267
13100	42.92	3.43	43.06	265	14100	31.54	1.03	31.56	268	15100	31.67	1.71	31.71	267
13125	43.25	3.29	43.37	265	14125	31.99	1.65	32.03	267	15125	31.26	1.80	31.31	267
13150	43.79	2.34	43.85	267	14150	32.72	1.64	32.76	267	15150	30.74	3.09	30.90	264
13175	43.89	1.77	43.92	268	14175	33.39	1.53	33.42	267	15175	30.27	3.88	30.52	263
13200	43.35	1.82	43.39	267	14200	33.88	1.29	33.90	268	15200	30.27	4.00	30.54	262
13225	43.38	0.15	43.38	270	14225	34.19	1.65	34.23	267	15225	29.96	5.28	30.42	260
13250	43.31	-0.90	43.32	271	14250	34.47	0.42	34.47	269	15250	29.75	6.13	30.38	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2119 03/30/65, 1800Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15275	29.67	6.08	30.29	258										
15300	29.85	5.60	30.37	259										
15325	30.26	6.50	30.95	258										
15350	30.17	6.99	30.97	257										
15375	30.21	6.59	30.92	258										
15400	30.29	6.15	30.91	258										
15425	29.75	5.69	30.29	259										
15450	29.23	5.98	29.83	258										
15475	29.20	6.65	29.95	257										
15500	29.38	6.11	30.01	258										
15525	29.61	5.44	30.10	259										
15550	29.23	5.25	29.70	260										
15575	28.91	5.32	29.40	259										
15600	29.08	4.56	29.43	261										
15625	28.93	4.76	29.32	260										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-70

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2115 04/01/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	3.58	-8.33	9.07	337	1175	12.12	-6.95	13.97	300	2175	11.53	1.29	11.60	263
200	3.09	-8.28	8.84	339	1200	12.11	-6.70	13.84	299	2200	11.42	1.68	11.55	261
225	2.58	-8.20	8.59	342	1225	12.32	-6.41	13.88	297	2225	11.33	2.01	11.51	260
250	2.04	-8.08	8.34	346	1250	12.57	-6.23	14.03	296	2250	11.24	2.06	11.43	259
275	1.66	-8.04	8.21	348	1275	12.84	-5.99	14.17	295	2275	11.00	1.90	11.16	260
300	1.41	-8.05	8.17	350	1300	13.26	-5.69	14.43	293	2300	10.82	1.83	10.97	260
325	1.31	-8.15	8.26	351	1325	13.47	-5.26	14.46	291	2325	10.98	1.79	11.12	261
350	1.42	-8.38	8.50	350	1350	13.34	-4.81	14.18	290	2350	11.41	1.74	11.55	261
375	1.68	-8.74	8.90	349	1375	13.14	-4.41	13.87	288	2375	11.79	1.91	11.94	261
400	1.99	-9.15	9.36	348	1400	12.96	-4.18	13.62	288	2400	12.08	2.10	12.26	260
425	2.23	-9.54	9.80	347	1425	12.73	-4.10	13.37	288	2425	12.43	2.24	12.63	260
450	2.57	-10.01	10.34	345	1450	12.67	-3.99	13.28	287	2450	12.66	2.45	12.90	259
475	2.96	-10.57	10.98	344	1475	12.79	-3.78	13.34	286	2475	12.76	2.63	13.03	258
500	3.24	-11.07	11.54	344	1500	12.86	-3.55	13.34	285	2500	12.79	2.77	13.09	258
525	3.73	-11.76	12.34	342	1525	12.76	-3.41	13.21	285	2525	12.78	3.08	13.14	256
550	4.15	-12.45	13.12	341	1550	12.68	-3.54	13.16	285	2550	12.57	3.32	13.00	255
575	4.13	-12.80	13.45	342	1575	12.70	-3.82	13.26	287	2575	12.46	3.45	12.93	254
600	4.00	-13.10	13.69	343	1600	12.59	-3.88	13.18	287	2600	12.51	3.77	13.07	253
625	3.94	-13.45	14.02	343	1625	12.54	-3.77	13.10	287	2625	12.46	4.09	13.11	252
650	3.87	-13.82	14.36	344	1650	12.57	-3.68	13.10	286	2650	12.38	4.27	13.09	251
675	3.83	-14.21	14.72	345	1675	12.62	-3.58	13.11	286	2675	12.40	4.49	13.19	250
700	3.81	-14.62	15.11	345	1700	12.62	-3.36	13.06	285	2700	12.48	4.69	13.33	249
725	3.61	-14.88	15.31	346	1725	12.51	-3.05	12.88	284	2725	12.36	4.76	13.24	249
750	3.26	-15.01	15.36	348	1750	12.44	-2.85	12.76	283	2750	12.43	4.90	13.36	248
775	3.10	-15.34	15.65	348	1775	12.40	-2.78	12.71	282	2775	12.74	4.94	13.66	249
800	3.46	-15.50	15.88	347	1800	12.37	-2.77	12.68	282	2800	12.71	4.94	13.64	249
825	6.37	-12.92	14.40	334	1825	12.29	-2.63	12.57	282	2825	12.52	5.22	13.56	247
850	9.42	-9.89	13.66	316	1850	12.22	-2.26	12.43	280	2850	12.49	5.57	13.67	246
875	9.93	-9.04	13.43	312	1875	12.18	-1.90	12.33	279	2875	12.42	5.74	13.68	245
900	10.21	-8.50	13.29	310	1900	12.09	-1.71	12.21	278	2900	12.45	5.92	13.79	244
925	10.55	-8.41	13.49	308	1925	11.99	-1.49	12.09	277	2925	12.65	6.11	14.05	244
950	11.04	-8.44	13.89	307	1950	11.84	-1.14	11.89	275	2950	12.90	5.89	14.19	245
975	11.64	-8.18	14.23	305	1975	11.65	-0.85	11.68	274	2975	13.32	5.43	14.38	248
1000	11.86	-7.77	14.18	303	2000	11.60	-0.72	11.63	273	3000	13.64	4.97	14.52	250
1025	11.88	-7.36	13.96	302	2025	11.69	-0.57	11.70	273	3025	13.74	4.36	14.42	252
1050	11.99	-7.32	14.05	301	2050	11.74	-0.37	11.75	272	3050	13.76	4.04	14.34	253
1075	12.14	-7.24	14.13	301	2075	11.67	0.03	11.67	270	3075	13.90	3.91	14.44	254
1100	12.32	-7.07	14.21	300	2100	11.62	0.43	11.63	268	3100	13.94	3.64	14.41	255
1125	12.32	-7.11	14.22	300	2125	11.62	0.69	11.64	266	3125	13.75	3.43	14.17	256
1150	12.16	-7.02	14.04	300	2150	11.58	0.96	11.62	265	3150	13.71	3.33	14.11	256

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2115 04/01/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	13.80	3.23	14.17	257	4175	9.29	2.65	9.66	254	5175	16.77	1.86	16.87	264
3200	13.89	3.08	14.23	257	4200	9.42	2.78	9.82	253	5200	16.98	1.51	17.05	265
3225	14.00	3.09	14.33	257	4225	9.52	3.06	10.00	252	5225	17.28	1.27	17.33	266
3250	14.34	3.17	14.68	257	4250	9.70	3.57	10.34	250	5250	17.51	1.12	17.54	266
3275	14.61	3.14	14.95	258	4275	10.19	3.76	10.86	250	5275	17.35	0.84	17.37	267
3300	14.58	3.29	14.94	257	4300	10.77	3.69	11.39	251	5300	17.22	0.49	17.23	268
3325	14.65	3.41	15.05	257	4325	11.22	3.81	11.85	251	5325	17.48	0.27	17.48	269
3350	14.71	3.12	15.04	258	4350	11.56	4.18	12.29	250	5350	17.59	0.18	17.59	269
3375	14.57	2.59	14.79	260	4375	11.68	4.65	12.57	248	5375	17.61	0.24	17.62	269
3400	14.42	2.08	14.57	262	4400	11.77	4.91	12.75	247	5400	17.46	0.35	17.47	269
3425	14.48	1.65	14.58	263	4425	11.90	5.06	12.94	247	5425	17.30	0.32	17.30	269
3450	14.41	1.16	14.46	265	4450	11.86	5.01	12.87	247	5450	17.39	0.27	17.39	269
3475	14.06	0.64	14.08	267	4475	11.79	4.84	12.74	247	5475	17.46	0.26	17.46	269
3500	13.78	0.07	13.78	270	4500	11.71	4.80	12.66	248	5500	17.36	0.26	17.36	269
3525	13.42	-0.32	13.43	271	4525	11.92	4.73	12.82	248	5525	17.19	0.38	17.19	269
3550	12.90	-0.51	12.91	272	4550	12.43	4.46	13.21	250	5550	17.00	0.67	17.02	268
3575	12.32	-0.72	12.34	273	4575	12.85	4.18	13.51	252	5575	16.76	0.98	16.79	266
3600	11.63	-1.03	11.68	275	4600	12.92	4.04	13.54	252	5600	16.66	1.13	16.70	266
3625	11.21	-1.22	11.28	276	4625	12.99	3.96	13.58	253	5625	16.67	1.26	16.71	266
3650	10.97	-1.37	11.05	277	4650	13.11	3.83	13.66	254	5650	16.54	1.35	16.60	265
3675	10.66	-1.40	10.75	277	4675	13.13	3.69	13.64	254	5675	16.41	1.47	16.48	265
3700	10.50	-1.20	10.57	276	4700	13.22	3.68	13.72	254	5700	16.28	1.72	16.37	264
3725	10.40	-1.05	10.45	276	4725	13.43	3.67	13.92	255	5725	16.03	2.14	16.17	262
3750	10.13	-0.97	10.18	275	4750	13.76	3.53	14.20	255	5750	15.88	2.66	16.10	260
3775	9.98	-0.75	10.01	274	4775	13.91	3.28	14.29	257	5775	15.85	3.24	16.18	258
3800	9.82	-0.40	9.83	272	4800	13.97	3.11	14.31	257	5800	15.95	3.76	16.39	257
3825	9.55	-0.42	9.56	272	4825	14.27	2.91	14.57	258	5825	16.09	4.12	16.61	255
3850	9.25	-0.70	9.28	274	4850	14.54	2.79	14.81	259	5850	16.14	4.26	16.70	255
3875	9.06	-0.76	9.10	275	4875	14.79	2.87	15.06	259	5875	16.00	4.33	16.57	255
3900	8.91	-0.77	8.94	275	4900	15.07	2.97	15.36	259	5900	15.85	4.31	16.43	255
3925	8.77	-0.74	8.80	275	4925	15.45	2.95	15.73	259	5925	15.51	4.51	16.16	254
3950	9.03	-0.51	9.05	273	4950	15.76	2.74	16.00	260	5950	15.19	4.85	15.95	252
3975	9.21	-0.41	9.22	272	4975	16.06	2.36	16.24	261	5975	15.20	5.09	16.03	251
4000	9.21	-0.15	9.21	271	5000	16.49	2.11	16.62	263	6000	15.36	5.27	16.24	251
4025	9.32	0.32	9.33	268	5025	16.90	1.96	17.01	263	6025	15.65	5.61	16.63	250
4050	9.51	0.67	9.54	266	5050	17.18	1.88	17.29	264	6050	16.09	5.82	17.11	250
4075	9.49	1.26	9.57	262	5075	17.27	2.10	17.40	263	6075	16.69	5.88	17.70	250
4100	9.31	2.01	9.53	258	5100	16.99	2.45	17.16	262	6100	17.07	6.14	18.14	250
4125	9.24	2.41	9.55	255	5125	16.74	2.45	16.92	261	6125	17.20	6.38	18.34	249
4150	9.24	2.54	9.58	254	5150	16.71	2.17	16.85	262	6150	17.35	6.52	18.53	249

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-70 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 2115 04/01/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	17.54	6.54	18.72	249	7175	22.83	0.92	22.85	268	8175	21.17	2.53	21.32	263
6200	17.56	6.52	18.73	249	7200	23.12	0.94	23.14	267	8200	21.29	2.29	21.42	264
6225	17.48	6.50	18.65	249	7225	23.11	1.05	23.14	267	8225	21.30	2.06	21.40	264
6250	17.52	6.44	18.67	250	7250	23.03	1.32	23.07	267	8250	21.34	1.92	21.42	265
6275	17.56	6.43	18.70	250	7275	23.00	1.48	23.05	266	8275	21.44	1.73	21.51	265
6300	17.79	6.33	18.88	250	7300	22.89	1.45	22.94	266	8300	21.55	1.36	21.59	266
6325	18.12	6.13	19.13	251	7325	22.91	1.46	22.95	266	8325	21.85	1.00	21.88	267
6350	18.37	5.92	19.30	252	7350	22.90	1.59	22.96	266	8350	21.89	0.61	21.90	268
6375	18.42	5.69	19.28	253	7375	22.76	1.79	22.83	265	8375	21.96	0.34	21.96	269
6400	18.31	5.55	19.13	253	7400	22.88	1.77	22.95	265	8400	22.02	0.26	22.02	269
6425	18.37	5.33	19.13	254	7425	23.03	1.70	23.09	266	8425	21.94	0.25	21.94	269
6450	18.47	5.00	19.14	255	7450	23.30	1.58	23.35	266	8450	22.23	0.10	22.23	270
6475	18.57	4.54	19.12	256	7475	23.16	1.60	23.22	266	8475	22.79	-0.07	22.79	270
6500	18.76	4.16	19.21	257	7500	22.85	1.65	22.90	266	8500	23.00	0.06	23.00	270
6525	18.64	4.10	19.09	257	7525	22.88	1.65	22.94	266	8525	22.98	0.09	22.98	270
6550	18.44	4.40	18.96	256	7550	22.93	1.65	22.99	266	8550	22.95	0.01	22.95	270
6575	18.43	4.85	19.06	255	7575	22.84	1.77	22.90	265	8575	23.10	0.04	23.10	270
6600	18.19	5.03	18.88	254	7600	22.43	1.93	22.51	265	8600	23.32	0.19	23.33	269
6625	18.01	4.72	18.62	255	7625	22.17	2.06	22.26	265	8625	23.24	0.39	23.24	269
6650	18.02	4.47	18.57	256	7650	22.15	2.15	22.26	264	8650	23.20	0.47	23.20	269
6675	17.86	4.40	18.40	256	7675	22.08	2.14	22.18	264	8675	23.17	0.67	23.18	268
6700	17.79	4.30	18.30	256	7700	21.94	2.23	22.06	264	8700	23.14	0.76	23.15	268
6725	17.75	4.04	18.20	257	7725	21.92	2.26	22.04	264	8725	23.29	0.73	23.30	268
6750	17.76	3.90	18.18	257	7750	21.79	2.30	21.91	264	8750	23.33	0.78	23.34	268
6775	18.05	3.93	18.48	258	7775	21.82	2.43	21.96	263	8775	23.38	0.92	23.40	268
6800	18.46	3.70	18.82	258	7800	22.03	2.37	22.15	264	8800	23.40	1.21	23.43	267
6825	18.74	3.32	19.03	260	7825	21.89	2.28	22.01	264	8825	23.44	1.29	23.47	267
6850	18.52	3.01	18.76	261	7850	21.78	2.36	21.91	264	8850	23.51	1.33	23.54	267
6875	18.46	2.86	18.68	261	7875	21.73	2.45	21.86	263	8875	23.52	1.27	23.55	267
6900	18.75	2.54	18.92	262	7900	21.46	2.67	21.62	263	8900	23.60	1.20	23.63	267
6925	18.90	2.17	19.02	263	7925	21.53	3.21	21.77	261	8925	23.59	1.07	23.62	267
6950	19.09	1.96	19.19	264	7950	21.86	3.80	22.19	260	8950	23.74	1.14	23.77	267
6975	19.49	1.83	19.58	264	7975	21.87	3.96	22.22	260	8975	24.01	1.30	24.04	267
7000	19.75	1.70	19.83	265	8000	21.73	3.92	22.08	260	9000	24.02	1.10	24.05	267
7025	19.97	1.59	20.03	265	8025	21.82	3.72	22.13	260	9025	24.16	1.04	24.18	267
7050	20.36	1.48	20.42	266	8050	21.79	3.40	22.05	261	9050	24.21	1.08	24.23	267
7075	20.41	1.37	20.46	266	8075	21.50	3.19	21.74	261	9075	24.15	1.17	24.18	267
7100	20.80	1.30	20.84	266	8100	21.40	3.12	21.62	262	9100	24.29	1.18	24.31	267
7125	21.56	1.13	21.59	267	8125	21.45	2.99	21.66	262	9125	24.34	1.22	24.37	267
7150	22.24	0.99	22.26	267	8150	21.30	2.75	21.48	262	9150	24.44	1.25	24.47	267

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 2115 04/01/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	24.84	1.24	24.87	267	10175	29.43	8.44	30.62	254	11175	32.66	6.77	33.35	258
9200	25.40	0.97	25.41	268	10200	29.17	8.23	30.31	254	11200	32.89	6.95	33.62	258
9225	25.63	0.66	25.64	268	10225	29.17	7.70	30.17	255	11225	32.83	7.14	33.60	258
9250	25.66	0.68	25.67	268	10250	29.21	7.12	30.06	256	11250	32.97	7.63	33.84	257
9275	25.84	0.51	25.84	269	10275	29.13	6.18	29.78	258	11275	33.01	8.17	34.01	256
9300	26.27	0.32	26.27	269	10300	29.32	5.74	29.88	259	11300	32.82	8.88	34.00	255
9325	26.69	0.61	26.70	269	10325	29.38	5.73	29.94	259	11325	32.59	9.13	33.85	254
9350	26.86	0.97	26.88	268	10350	29.10	5.67	29.65	259	11350	32.67	9.15	33.93	254
9375	26.85	1.23	26.88	267	10375	28.69	5.73	29.25	259	11375	32.56	9.08	33.80	254
9400	26.55	1.83	26.62	266	10400	28.59	5.53	29.12	259	11400	32.36	8.93	33.57	254
9425	26.32	2.60	26.44	264	10425	28.58	5.15	29.04	260	11425	32.33	8.77	33.50	255
9450	26.10	3.39	26.32	262	10450	29.04	4.88	29.45	260	11450	32.54	8.71	33.68	255
9475	25.90	4.07	26.22	261	10475	29.46	4.46	29.79	261	11475	32.71	8.81	33.87	255
9500	25.91	4.59	26.31	260	10500	29.93	4.23	30.23	262	11500	32.82	8.96	34.02	255
9525	26.36	5.12	26.86	259	10525	30.38	4.37	30.69	262	11525	33.31	8.88	34.47	255
9550	26.87	5.65	27.46	258	10550	30.58	4.17	30.86	262	11550	33.61	8.79	34.74	255
9575	27.12	6.15	27.80	257	10575	30.93	4.12	31.20	262	11575	33.99	8.78	35.10	255
9600	27.39	6.60	28.18	256	10600	31.66	4.26	31.94	262	11600	34.37	8.70	35.45	256
9625	27.40	6.92	28.26	256	10625	32.23	4.46	32.54	262	11625	34.99	8.79	36.08	256
9650	27.36	7.28	28.31	255	10650	32.54	4.75	32.88	262	11650	35.19	8.68	36.24	256
9675	27.19	7.54	28.22	254	10675	32.52	5.07	32.91	261	11675	35.43	8.60	36.46	256
9700	27.13	7.89	28.25	254	10700	32.19	5.24	32.62	261	11700	35.79	8.78	36.85	256
9725	27.16	8.29	28.40	253	10725	31.81	5.35	32.25	260	11725	35.74	9.07	36.88	256
9750	26.86	8.46	28.16	252	10750	31.73	5.74	32.24	260	11750	35.60	8.89	36.69	256
9775	26.44	8.63	27.82	252	10775	31.37	6.04	31.94	259	11775	35.64	8.99	36.75	256
9800	26.33	8.73	27.74	251	10800	30.92	6.04	31.51	259	11800	35.77	9.05	36.89	256
9825	26.52	8.71	27.92	252	10825	30.68	6.46	31.35	258	11825	35.71	8.82	36.78	256
9850	26.89	8.68	28.26	252	10850	30.44	7.32	31.31	256	11850	35.71	9.15	36.86	255
9875	27.36	8.93	28.78	252	10875	30.06	7.83	31.06	255	11875	35.70	8.93	36.80	256
9900	27.67	9.08	29.13	252	10900	30.13	8.28	31.24	254	11900	35.99	8.42	36.96	257
9925	27.97	8.77	29.31	252	10925	30.64	8.09	31.69	255	11925	36.28	8.98	37.37	256
9950	27.92	8.56	29.20	253	10950	30.74	7.65	31.67	256	11950	36.46	9.25	37.62	256
9975	27.83	8.95	29.24	252	10975	31.14	7.41	32.01	256	11975	36.84	8.97	37.91	256
10000	28.40	9.07	29.81	252	11000	31.42	7.57	32.32	256	12000	36.97	8.92	38.04	256
10025	28.90	9.03	30.28	252	11025	31.48	7.66	32.40	256	12025	36.96	8.74	37.98	257
10050	29.07	8.94	30.42	253	11050	31.71	7.41	32.57	257	12050	37.72	8.25	38.61	257
10075	29.42	8.77	30.70	253	11075	31.93	7.26	32.74	257	12075	38.05	8.18	38.92	258
10100	29.64	8.49	30.83	254	11100	32.23	7.30	33.05	257	12100	37.98	7.68	38.75	258
10125	29.48	8.37	30.65	254	11125	32.23	7.13	33.01	257	12125	38.08	7.08	38.73	259
10150	29.42	8.43	30.61	254	11150	32.27	6.76	32.97	258	12150	38.07	6.70	38.65	260

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

TABLE II-70 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2115 04/01/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	38.28	6.80	38.88	260	13175	32.94	-1.03	32.96	272	14175	35.07	10.03	36.48	254
12200	38.56	6.37	39.08	260	13200	32.68	-0.44	32.68	271	14200	35.84	9.82	37.16	255
12225	38.56	5.98	39.02	261	13225	32.44	0.04	32.44	270	14225	36.11	9.81	37.42	255
12250	38.89	5.75	39.32	261	13250	32.50	0.51	32.51	269	14250	36.47	10.38	37.92	254
12275	39.30	4.96	39.61	263	13275	32.22	1.02	32.23	268	14275	36.94	10.77	38.48	254
12300	39.54	4.38	39.78	264	13300	32.22	1.13	32.24	268	14300	37.74	10.55	39.18	254
12325	39.90	4.00	40.10	264	13325	32.23	1.37	32.26	267	14325	38.11	10.86	39.63	254
12350	40.24	3.94	40.43	264	13350	31.79	2.12	31.86	266	14350	37.98	11.22	39.61	253
12375	40.53	3.42	40.67	265	13375	31.59	2.40	31.68	265	14375	37.87	11.44	39.56	253
12400	41.16	2.62	41.25	266	13400	31.84	2.38	31.93	266	14400	37.75	11.93	39.59	252
12425	42.15	1.67	42.18	268	13425	31.89	2.29	31.98	266	14425	37.55	12.02	39.42	252
12450	43.20	0.74	43.21	269	13450	32.26	2.57	32.36	265	14450	37.15	12.21	39.11	252
12475	43.63	0.23	43.63	270	13475	32.47	2.97	32.61	265	14475	36.47	12.69	38.62	251
12500	43.38	-0.38	43.38	270	13500	32.42	3.55	32.61	264	14500	36.27	13.37	38.65	250
12525	43.82	-1.28	43.84	271	13525	32.59	3.86	32.82	263	14525	35.76	14.30	38.52	248
12550	44.61	-1.90	44.65	272	13550	32.63	3.88	32.86	263	14550	35.14	14.68	38.08	247
12575	44.87	-2.04	44.91	272	13575	32.56	4.62	32.89	262	14575	35.21	14.81	38.19	247
12600	44.20	-2.26	44.25	273	13600	32.45	5.05	32.84	261	14600	35.12	15.57	38.42	246
12625	42.96	-2.33	43.02	273	13625	32.32	4.91	32.69	261	14625	35.15	16.61	38.88	245
12650	41.70	-1.99	41.75	273	13650	32.33	5.37	32.78	260	14650	35.63	16.97	39.47	244
12675	40.79	-1.83	40.83	272	13675	32.62	5.74	33.12	260	14675	36.21	16.86	39.94	245
12700	39.40	-1.47	39.42	272	13700	33.10	5.82	33.61	260	14700	36.69	17.40	40.61	244
12725	38.35	-0.99	38.36	271	13725	33.89	5.75	34.37	260	14725	37.85	17.81	41.83	245
12750	37.39	-0.92	37.40	271	13750	34.71	5.77	35.18	260	14750	38.57	17.86	42.50	245
12775	36.78	-1.48	36.81	272	13775	34.93	5.73	35.40	261	14775	39.69	17.62	43.43	246
12800	36.91	-1.51	36.94	272	13800	35.71	5.15	36.08	262	14800	39.97	16.75	43.34	247
12825	36.94	-1.68	36.98	272	13825	36.64	5.28	37.01	262	14825	40.63	16.45	43.83	248
12850	37.37	-2.14	37.43	273	13850	36.63	5.63	37.06	261	14850	41.29	16.06	44.30	249
12875	37.39	-2.24	37.46	273	13875	36.55	5.79	37.00	261	14875	41.95	14.56	44.41	251
12900	36.56	-2.36	36.63	274	13900	36.59	5.67	37.02	261	14900	42.62	14.19	44.92	251
12925	35.90	-2.37	35.97	274	13925	36.31	6.22	36.83	260	14925	42.97	13.85	45.15	252
12950	35.49	-1.91	35.54	273	13950	36.50	6.74	37.11	259	14950	43.74	12.30	45.44	254
12975	34.98	-1.13	35.00	272	13975	36.12	6.75	36.74	259	14975	43.88	11.48	45.36	255
13000	35.03	-1.13	35.05	272	14000	35.98	6.50	36.56	260	15000	43.96	10.12	45.11	257
13025	35.11	-1.21	35.13	272	14025	36.00	7.40	36.76	258	15025	44.12	9.81	45.20	257
13050	34.76	-1.15	34.77	272	14050	35.93	7.91	36.79	257	15050	43.76	10.11	44.91	257
13075	34.15	-0.91	34.17	271	14075	35.64	8.39	36.62	257	15075	43.52	10.61	44.80	256
13100	33.87	-1.05	33.88	272	14100	34.98	9.00	36.12	255	15100	43.83	10.70	45.11	256
13125	33.34	-1.14	33.36	272	14125	34.31	9.48	35.60	254	15125	44.05	10.11	45.19	257
13150	32.95	-1.18	32.97	272	14150	34.40	9.88	35.79	254	15150	44.00	9.21	44.95	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2115 04/01/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	43.46	8.31	44.25	259	16175	31.85	0.55	31.85	269	17175	26.35	4.67	26.76	260
15200	43.29	7.78	43.98	260	16200	31.48	1.31	31.51	267	17200	26.01	6.56	26.83	256
15225	43.44	7.16	44.03	260	16225	31.22	2.06	31.29	266	17225	26.05	7.64	27.15	253
15250	43.02	6.19	43.47	262	16250	31.26	2.04	31.33	266	17250	26.09	7.40	27.12	254
15275	42.84	5.88	43.25	262	16275	31.00	2.09	31.07	266	17275	26.37	7.19	27.33	255
15300	42.62	5.87	43.03	262	16300	31.19	2.96	31.33	264	17300	26.40	6.32	27.15	256
15325	42.03	6.18	42.48	261	16325	31.62	3.56	31.82	263	17325	26.23	5.61	26.82	258
15350	41.51	6.58	42.03	261	16350	31.90	3.62	32.10	263	17350	26.38	3.76	26.65	262
15375	41.39	6.27	41.86	261	16375	32.32	3.27	32.49	264	17375	26.21	3.05	26.39	263
15400	41.20	6.29	41.68	261	16400	32.65	2.99	32.79	265	17400	25.72	1.90	25.79	266
15425	40.94	6.33	41.43	261	16425	32.81	2.11	32.88	266	17425	25.45	1.33	25.49	267
15450	40.36	5.71	40.76	262	16450	32.42	2.06	32.48	266	17450	24.24	-0.04	24.24	270
15475	40.32	5.44	40.68	262	16475	32.30	1.65	32.35	267	17475	23.20	-0.51	23.21	271
15500	40.34	5.35	40.70	262	16500	32.49	0.37	32.49	269	17500	22.12	-0.51	22.12	271
15525	40.43	5.04	40.74	263	16525	32.33	-0.48	32.34	271	17525	20.92	-0.84	20.94	272
15550	40.35	4.80	40.63	263	16550	32.33	-0.24	32.33	270	17550	18.78	-1.27	18.82	274
15575	39.98	4.28	40.21	264	16575	32.25	-0.24	32.25	270	17575	18.41	-0.99	18.43	273
15600	39.92	3.68	40.09	265	16600	31.72	-0.75	31.73	271	17600	18.04	-0.71	18.05	272
15625	39.85	3.65	40.01	265	16625	31.49	-0.97	31.51	272	17625	15.67	0.14	15.67	269
15650	39.83	3.73	40.01	264	16650	31.37	-0.99	31.38	272	17650	14.64	-0.23	14.64	271
15675	39.80	3.86	39.99	264	16675	31.23	-1.40	31.26	272	17675	13.07	0.06	13.07	270
15700	39.85	3.90	40.04	264	16700	30.63	-1.66	30.67	273	17700	13.00	0.87	13.03	266
15725	40.03	3.19	40.15	265	16725	29.17	-1.70	29.22	273	17725	13.01	1.35	13.08	264
15750	39.95	2.63	40.04	266	16750	28.84	-1.08	28.86	272	17750	13.12	1.23	13.18	264
15775	39.60	2.39	39.67	266	16775	28.31	-0.24	28.31	270	17775	13.30	0.91	13.33	266
15800	39.55	2.26	39.62	267	16800	27.66	0.43	27.66	269	17800	13.20	1.32	13.26	264
15825	39.60	1.64	39.63	267	16825	27.15	0.99	27.17	268	17825	13.28	1.51	13.37	263
15850	39.33	0.86	39.34	269	16850	26.91	0.94	26.93	268	17850	13.30	1.50	13.38	263
15875	38.88	0.74	38.89	269	16875	26.73	0.95	26.75	268	17875	13.37	2.19	13.54	261
15900	38.69	0.38	38.70	269	16900	26.61	1.89	26.68	266					
15925	38.67	0.14	38.67	270	16925	26.53	2.67	26.66	264					
15950	37.91	0.18	37.91	270	16950	26.62	2.77	26.77	264					
15975	37.30	-0.13	37.30	270	16975	27.71	3.35	27.92	263					
16000	35.87	-0.41	35.87	270	17000	28.07	3.54	28.29	263					
16025	35.50	-0.68	35.51	271	17025	27.70	3.39	27.90	263					
16050	35.25	-0.80	35.26	271	17050	27.57	2.12	27.65	265					
16075	33.32	-1.16	33.34	272	17075	27.57	2.13	27.65	265					
16100	32.84	-1.27	32.86	272	17100	27.28	2.54	27.40	264					
16125	29.83	-1.04	29.85	272	17125	26.93	2.68	27.06	264					
16150	29.81	-0.69	29.82	271	17150	26.94	3.31	27.14	263					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-71

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2116 04/02/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	5.11	-11.25	12.35	335	1200	9.47	-8.35	12.63	311	2200	10.23	-5.63	11.68	299
225	4.84	-10.98	12.00	336	1225	9.46	-8.66	12.82	312	2225	10.38	-5.82	11.90	299
250	4.90	-11.36	12.37	337	1250	9.47	-8.59	12.78	312	2250	10.52	-5.73	11.98	298
275	5.34	-12.01	13.14	336	1275	9.39	-8.20	12.46	311	2275	10.53	-5.57	11.91	298
300	5.37	-12.44	13.55	336	1300	9.34	-7.77	12.15	310	2300	10.53	-5.19	11.73	296
325	4.83	-12.79	13.68	339	1325	9.35	-7.23	11.81	308	2325	10.55	-5.27	11.79	296
350	5.38	-11.96	13.11	336	1350	9.39	-6.95	11.68	306	2350	10.73	-5.69	12.14	298
375	6.34	-10.58	12.33	329	1375	9.40	-6.66	11.52	305	2375	10.99	-5.86	12.46	298
400	6.65	-9.97	11.98	326	1400	9.31	-6.36	11.27	304	2400	11.12	-5.99	12.63	298
425	7.10	-9.34	11.73	323	1425	9.20	-6.31	11.16	304	2425	11.37	-6.39	13.04	299
450	7.58	-8.92	11.71	319	1450	9.34	-6.30	11.27	304	2450	11.69	-6.89	13.57	300
475	7.80	-8.71	11.69	318	1475	9.84	-6.23	11.65	302	2475	12.18	-7.22	14.16	301
500	7.88	-8.62	11.68	317	1500	10.17	-6.30	11.97	302	2500	12.63	-7.29	14.58	300
525	8.40	-9.54	12.71	318	1525	10.19	-6.55	12.11	303	2525	12.56	-7.10	14.43	299
550	9.29	-11.10	14.48	320	1550	10.03	-6.75	12.09	304	2550	12.52	-7.14	14.41	300
575	10.17	-12.22	15.90	320	1575	9.73	-6.75	11.84	305	2575	12.60	-7.32	14.58	300
600	10.35	-12.59	16.30	320	1600	9.59	-6.56	11.62	304	2600	12.52	-7.30	14.49	300
625	9.62	-12.12	15.47	321	1625	9.71	-6.26	11.55	303	2625	12.52	-7.31	14.50	300
650	8.97	-11.98	14.97	323	1650	9.81	-5.82	11.40	301	2650	12.54	-7.33	14.52	300
675	8.79	-12.29	15.11	324	1675	9.74	-5.33	11.10	299	2675	12.53	-7.36	14.53	300
700	8.75	-12.57	15.31	325	1700	9.73	-4.66	10.78	295	2700	12.47	-7.42	14.52	301
725	8.55	-12.56	15.19	326	1725	9.83	-4.12	10.66	293	2725	12.38	-7.51	14.48	301
750	8.54	-12.33	15.00	325	1750	10.03	-3.90	10.76	291	2750	12.38	-7.56	14.51	301
775	8.84	-12.09	14.98	324	1775	10.29	-3.65	10.92	289	2775	12.42	-7.55	14.54	301
800	8.75	-11.65	14.57	323	1800	10.32	-3.38	10.86	288	2800	12.36	-7.52	14.46	301
825	8.34	-11.26	14.01	323	1825	10.23	-3.09	10.68	287	2825	12.22	-7.33	14.25	301
850	7.84	-11.47	13.89	325	1850	10.09	-2.90	10.50	286	2850	12.11	-7.17	14.08	300
875	7.86	-11.97	14.32	327	1875	10.02	-2.89	10.43	286	2875	12.14	-7.13	14.08	300
900	7.32	-11.57	13.69	328	1900	10.09	-2.92	10.50	286	2900	12.37	-7.04	14.23	299
925	6.83	-10.90	12.86	328	1925	10.20	-2.79	10.57	285	2925	12.49	-6.98	14.31	299
950	7.73	-11.13	13.55	325	1950	10.37	-2.79	10.74	285	2950	12.53	-6.74	14.23	298
975	8.95	-11.96	14.94	323	1975	10.37	-2.90	10.77	285	2975	12.61	-6.50	14.19	297
1000	9.04	-10.70	14.00	320	2000	10.32	-3.02	10.75	286	3000	12.75	-6.47	14.30	297
1025	8.69	-9.25	12.69	317	2025	10.40	-3.00	10.82	286	3025	12.87	-6.40	14.37	296
1050	8.97	-8.93	12.66	315	2050	10.15	-2.91	10.56	286	3050	12.59	-5.98	13.94	295
1075	9.32	-8.23	12.44	311	2075	9.58	-3.41	10.16	289	3075	12.77	-5.96	14.09	295
1100	9.65	-7.57	12.26	308	2100	9.28	-4.39	10.27	295	3100	13.38	-6.19	14.74	295
1125	9.74	-7.02	12.01	306	2125	9.45	-5.19	10.78	299	3125	13.73	-5.96	14.97	293
1150	9.76	-7.14	12.09	306	2150	9.76	-5.33	11.12	298	3150	13.93	-5.98	15.16	293
1175	9.64	-7.88	12.45	309	2175	10.04	-5.25	11.33	297	3175	14.18	-6.19	15.47	293

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2116 04/02/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	14.33	-6.27	15.64	293	4200	15.51	-5.18	16.35	288	5200	16.01	-4.39	16.60	285
3225	14.31	-6.28	15.62	294	4225	15.64	-5.16	16.47	288	5225	16.17	-4.16	16.70	284
3250	14.45	-6.22	15.74	293	4250	15.71	-5.09	16.51	288	5250	16.58	-4.18	17.10	284
3275	14.78	-6.29	16.06	293	4275	15.71	-5.14	16.53	288	5275	17.12	-4.22	17.63	284
3300	15.06	-6.48	16.40	293	4300	15.34	-5.20	16.19	289	5300	17.05	-4.16	17.55	284
3325	15.21	-6.54	16.56	293	4325	14.88	-5.30	15.80	289	5325	17.06	-4.32	17.60	284
3350	15.33	-6.60	16.69	293	4350	14.56	-5.37	15.52	290	5350	17.41	-4.51	17.98	284
3375	15.40	-6.52	16.73	293	4375	14.43	-5.53	15.45	291	5375	17.79	-4.44	18.34	284
3400	15.49	-6.26	16.71	292	4400	14.26	-5.71	15.36	292	5400	17.72	-4.25	18.22	283
3425	15.70	-5.99	16.80	291	4425	14.23	-5.81	15.37	292	5425	17.56	-4.14	18.04	283
3450	15.80	-5.76	16.81	290	4450	14.22	-5.94	15.41	292	5450	17.64	-4.03	18.10	283
3475	15.94	-5.44	16.85	289	4475	13.71	-6.05	14.98	294	5475	17.66	-3.91	18.09	282
3500	16.16	-5.11	16.95	287	4500	13.29	-6.33	14.72	295	5500	17.76	-3.78	18.15	282
3525	16.16	-5.06	16.93	287	4525	13.18	-6.63	14.76	297	5525	17.55	-3.64	17.92	282
3550	16.18	-5.11	16.97	287	4550	13.13	-6.99	14.87	298	5550	17.35	-3.52	17.70	281
3575	16.32	-5.03	17.08	287	4575	13.06	-7.27	14.95	299	5575	17.40	-3.34	17.72	281
3600	16.09	-4.79	16.79	286	4600	12.92	-7.43	14.91	300	5600	17.38	-3.17	17.67	280
3625	15.92	-4.46	16.53	285	4625	13.06	-7.63	15.12	300	5625	17.30	-2.78	17.52	279
3650	16.08	-4.36	16.66	285	4650	13.25	-7.84	15.40	300	5650	17.13	-2.48	17.31	278
3675	16.00	-4.54	16.63	286	4675	13.41	-7.76	15.49	300	5675	16.96	-2.64	17.17	279
3700	15.81	-4.71	16.50	286	4700	13.61	-7.78	15.68	300	5700	17.05	-3.06	17.32	280
3725	15.86	-4.73	16.55	286	4725	13.84	-7.88	15.93	299	5725	17.23	-3.49	17.58	281
3750	15.99	-4.86	16.71	287	4750	13.98	-7.61	15.92	298	5750	17.23	-3.72	17.63	282
3775	15.87	-4.90	16.61	287	4775	13.88	-7.10	15.59	297	5775	17.16	-3.82	17.58	282
3800	15.85	-4.81	16.56	287	4800	14.02	-6.75	15.57	296	5800	17.32	-4.01	17.78	283
3825	15.99	-4.94	16.74	287	4825	14.04	-6.39	15.43	294	5825	17.27	-3.92	17.71	283
3850	15.97	-5.19	16.80	288	4850	13.80	-5.73	14.95	292	5850	17.17	-3.76	17.57	282
3875	15.77	-5.45	16.68	289	4875	13.91	-5.20	14.85	290	5875	17.41	-3.89	17.83	282
3900	15.47	-5.71	16.49	290	4900	14.11	-5.11	15.01	290	5900	17.46	-3.87	17.88	282
3925	15.25	-5.87	16.34	291	4925	14.26	-5.29	15.21	290	5925	17.43	-3.74	17.83	282
3950	15.19	-5.94	16.31	291	4950	14.15	-5.19	15.07	290	5950	17.62	-3.55	17.98	281
3975	15.35	-6.05	16.50	291	4975	14.21	-5.20	15.13	290	5975	17.91	-3.38	18.23	280
4000	15.33	-6.21	16.54	292	5000	14.45	-5.03	15.30	289	6000	18.08	-3.31	18.38	280
4025	14.98	-6.11	16.18	292	5025	14.71	-4.41	15.36	287	6025	18.20	-3.19	18.48	280
4050	14.94	-5.81	16.03	291	5050	15.01	-3.84	15.49	284	6050	18.48	-3.10	18.74	279
4075	15.14	-5.60	16.14	290	5075	15.27	-3.65	15.70	283	6075	18.67	-3.05	18.92	279
4100	15.31	-5.42	16.24	289	5100	15.46	-3.94	15.95	284	6100	18.97	-3.12	19.22	279
4125	15.36	-5.20	16.21	289	5125	15.63	-4.35	16.22	285	6125	19.25	-3.21	19.52	279
4150	15.35	-5.08	16.17	288	5150	15.75	-4.62	16.41	286	6150	19.52	-3.38	19.81	280
4175	15.38	-5.13	16.21	288	5175	15.83	-4.58	16.48	286	6175	19.75	-3.60	20.07	280

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2116 04/02/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	19.64	-3.83	20.01	281	7200	23.25	-3.12	23.46	277	8200	29.08	0.52	29.09	269
6225	20.00	-4.06	20.41	281	7225	23.69	-3.02	23.88	277	8225	29.07	0.78	29.08	268
6250	19.98	-4.17	20.41	282	7250	24.22	-2.85	24.39	277	8250	28.98	0.78	28.99	268
6275	19.72	-4.20	20.17	282	7275	24.40	-2.80	24.56	276	8275	28.75	0.62	28.75	269
6300	20.29	-4.19	20.72	281	7300	24.46	-2.75	24.62	276	8300	28.55	0.68	28.56	268
6325	20.67	-3.88	21.03	280	7325	24.87	-2.69	25.02	276	8325	28.51	0.72	28.52	268
6350	21.02	-3.48	21.31	279	7350	25.32	-2.56	25.45	276	8350	28.47	0.64	28.48	269
6375	21.50	-3.14	21.73	278	7375	25.57	-2.51	25.69	275	8375	28.63	0.83	28.64	268
6400	21.70	-2.55	21.84	277	7400	25.89	-2.31	25.99	275	8400	28.92	1.00	28.94	268
6425	22.00	-2.10	22.10	275	7425	26.22	-2.14	26.31	274	8425	29.04	1.10	29.06	268
6450	22.17	-1.77	22.24	274	7450	26.61	-1.87	26.68	274	8450	29.24	1.17	29.26	268
6475	22.16	-1.33	22.20	273	7475	26.95	-1.58	27.00	273	8475	29.48	1.15	29.51	268
6500	22.51	-1.14	22.54	273	7500	27.17	-1.67	27.22	273	8500	29.84	1.30	29.87	267
6525	22.49	-0.96	22.51	272	7525	27.25	-1.60	27.29	273	8525	30.03	1.52	30.07	267
6550	22.18	-1.04	22.21	272	7550	27.54	-1.57	27.58	273	8550	29.99	1.77	30.04	266
6575	22.25	-1.31	22.28	273	7575	27.71	-1.23	27.73	272	8575	29.90	1.84	29.96	266
6600	22.18	-1.45	22.23	274	7600	27.62	-0.75	27.63	271	8600	29.77	1.84	29.82	266
6625	21.79	-1.63	21.85	274	7625	27.71	-0.45	27.71	271	8625	29.37	2.13	29.44	266
6650	21.30	-1.87	21.38	275	7650	27.82	-0.27	27.82	270	8650	28.76	2.28	28.85	265
6675	21.19	-2.08	21.30	275	7675	27.90	-0.41	27.90	271	8675	28.51	2.19	28.60	265
6700	21.25	-2.28	21.37	276	7700	28.17	-0.40	28.17	271	8700	28.21	2.17	28.29	265
6725	20.94	-2.29	21.07	276	7725	28.45	-0.33	28.45	270	8725	28.06	2.43	28.16	265
6750	20.63	-2.29	20.75	276	7750	28.32	-0.11	28.32	270	8750	27.81	2.50	27.92	265
6775	20.37	-2.14	20.49	276	7775	28.06	0.06	28.06	270	8775	27.72	2.46	27.83	265
6800	20.10	-1.56	20.16	274	7800	27.96	0.16	27.96	269	8800	27.62	2.71	27.75	264
6825	20.11	-1.25	20.15	273	7825	28.04	0.20	28.04	269	8825	27.24	2.74	27.38	264
6850	20.50	-1.52	20.55	274	7850	28.12	0.15	28.12	270	8850	26.99	2.94	27.15	264
6875	20.76	-1.86	20.85	275	7875	28.45	0.21	28.45	269	8875	26.92	2.98	27.09	263
6900	21.18	-2.31	21.31	276	7900	28.66	-0.11	28.66	270	8900	27.04	3.06	27.22	263
6925	21.57	-2.77	21.75	277	7925	28.89	-0.30	28.89	270	8925	27.04	3.08	27.22	263
6950	21.72	-3.03	21.93	278	7950	29.20	-0.29	29.20	270	8950	27.09	3.05	27.26	263
6975	22.05	-2.92	22.24	277	7975	29.18	-0.27	29.18	270	8975	27.26	3.12	27.44	263
7000	22.37	-2.56	22.52	276	8000	29.17	-0.13	29.17	270	9000	27.32	3.02	27.48	264
7025	22.40	-2.24	22.51	276	8025	29.24	-0.00	29.24	270	9025	27.43	2.97	27.60	264
7050	22.38	-1.90	22.46	275	8050	29.35	-0.03	29.35	270	9050	27.63	3.07	27.80	263
7075	22.55	-1.83	22.63	274	8075	29.26	-0.19	29.26	270	9075	27.77	3.24	27.96	263
7100	22.63	-2.02	22.72	275	8100	29.06	-0.04	29.06	270	9100	28.06	3.52	28.28	263
7125	22.88	-2.36	23.00	276	8125	29.00	0.24	29.00	269	9125	28.40	3.62	28.63	263
7150	23.02	-2.72	23.18	277	8150	29.14	0.42	29.14	269	9150	28.57	3.62	28.80	263
7175	22.99	-2.93	23.18	277	8175	29.17	0.43	29.17	269	9175	28.72	3.90	28.98	262

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2116 04/02/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	28.94	3.75	29.18	262	10200	31.60	7.67	32.51	256	11200	36.15	10.43	37.63	254
9225	28.95	3.53	29.17	263	10225	31.65	7.83	32.60	256	11225	36.22	10.86	37.81	253
9250	29.22	3.58	29.43	263	10250	31.73	8.42	32.83	255	11250	36.16	11.03	37.80	253
9275	29.66	3.86	29.91	262	10275	31.86	8.82	33.06	254	11275	35.84	10.57	37.37	253
9300	29.60	4.15	29.89	262	10300	31.43	9.03	32.70	254	11300	35.68	10.21	37.11	254
9325	29.40	4.18	29.70	262	10325	30.94	9.07	32.25	253	11325	35.42	9.94	36.79	254
9350	29.45	4.42	29.78	261	10350	30.59	8.96	31.87	253	11350	35.06	9.34	36.28	255
9375	29.48	4.66	29.84	261	10375	30.42	8.63	31.62	254	11375	34.55	9.00	35.70	255
9400	29.66	4.86	30.05	261	10400	30.51	8.55	31.69	254	11400	34.19	9.17	35.40	255
9425	30.12	5.00	30.53	260	10425	30.53	8.65	31.73	254	11425	33.84	9.15	35.06	255
9450	30.47	4.74	30.84	261	10450	30.68	8.56	31.85	254	11450	33.37	8.66	34.48	255
9475	30.69	4.87	31.08	261	10475	31.14	8.77	32.35	254	11475	33.10	7.74	33.99	257
9500	31.01	4.95	31.41	261	10500	31.42	9.26	32.76	253	11500	32.59	6.80	33.29	258
9525	31.17	4.69	31.52	261	10525	31.71	9.62	33.14	253	11525	32.50	6.31	33.11	259
9550	31.22	4.94	31.60	261	10550	32.09	9.78	33.55	253	11550	33.11	5.41	33.55	261
9575	31.37	5.34	31.82	260	10575	32.09	9.70	33.52	253	11575	33.88	5.14	34.26	261
9600	31.40	5.54	31.88	260	10600	32.30	9.92	33.79	253	11600	34.27	4.75	34.60	262
9625	31.43	5.57	31.92	260	10625	32.52	10.39	34.14	252	11625	34.37	3.62	34.56	264
9650	31.55	5.57	32.03	260	10650	32.51	10.77	34.25	251	11650	34.53	3.35	34.69	264
9675	31.63	5.57	32.12	260	10675	33.01	10.41	34.62	252	11675	34.94	3.50	35.11	264
9700	31.86	5.65	32.36	260	10700	33.59	9.90	35.02	253	11700	35.25	3.20	35.40	265
9725	32.05	5.76	32.56	260	10725	33.93	9.84	35.33	254	11725	35.51	2.85	35.62	265
9750	32.22	6.01	32.77	259	10750	34.18	9.26	35.42	255	11750	36.10	3.02	36.23	265
9775	32.41	6.02	32.97	259	10775	34.20	8.56	35.25	256	11775	36.76	3.34	36.91	265
9800	32.57	6.26	33.16	259	10800	34.42	8.20	35.38	256	11800	36.83	3.07	36.96	265
9825	32.43	6.61	33.09	258	10825	34.66	7.87	35.54	257	11825	37.02	2.75	37.12	266
9850	32.21	6.81	32.93	258	10850	34.82	7.38	35.60	258	11850	37.33	2.66	37.42	266
9875	32.55	7.13	33.33	257	10875	34.92	6.55	35.53	259	11875	37.84	3.18	37.97	265
9900	32.92	7.25	33.71	257	10900	34.74	5.95	35.25	260	11900	38.26	3.47	38.42	265
9925	33.05	7.32	33.85	257	10925	34.60	5.87	35.10	260	11925	38.22	3.52	38.38	265
9950	33.09	7.53	33.94	257	10950	34.28	5.93	34.79	260	11950	38.02	3.27	38.16	265
9975	33.08	7.63	33.95	257	10975	33.69	6.26	34.27	259	11975	38.01	2.63	38.10	266
10000	32.83	7.40	33.66	257	11000	33.02	6.45	33.64	259	12000	37.99	2.60	38.08	266
10025	32.64	7.27	33.44	257	11025	33.21	6.99	33.94	258	12025	37.90	2.81	38.00	266
10050	32.71	7.36	33.52	257	11050	33.58	7.65	34.44	257	12050	38.36	2.13	38.42	267
10075	32.47	7.49	33.33	257	11075	34.08	7.68	34.93	257	12075	39.07	0.67	39.08	269
10100	32.21	7.59	33.09	257	11100	34.81	8.18	35.76	257	12100	39.71	0.45	39.71	269
10125	32.32	7.85	33.26	256	11125	35.49	9.32	36.69	255	12125	40.07	0.27	40.07	269
10150	31.94	7.95	32.92	256	11150	35.71	10.23	37.14	254	12150	40.23	0.39	40.24	269
10175	31.43	7.85	32.40	256	11175	36.00	10.47	37.49	254	12175	40.25	1.33	40.27	268

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-71 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2116 04/02/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	40.13	1.84	40.17	267	13200	39.45	3.49	39.61	265	14200	31.01	5.88	31.56	259
12225	40.12	1.76	40.16	267	13225	39.95	5.32	40.30	262	14225	31.16	6.22	31.78	259
12250	40.23	0.89	40.24	269	13250	40.31	6.07	40.77	261	14250	31.12	6.65	31.82	258
12275	40.47	1.02	40.48	268	13275	40.75	5.98	41.19	261	14275	31.54	6.98	32.31	257
12300	40.49	1.54	40.52	268	13300	41.43	6.09	41.87	261	14300	32.00	7.21	32.80	257
12325	40.46	1.25	40.48	268	13325	42.17	6.73	42.70	261	14325	32.07	7.35	32.90	257
12350	40.69	1.03	40.70	268	13350	42.36	6.58	42.87	261	14350	32.50	8.21	33.52	256
12375	41.05	0.96	41.06	268	13375	42.60	6.74	43.13	261	14375	32.91	8.49	33.99	255
12400	41.39	0.93	41.40	269	13400	43.26	6.39	43.73	261	14400	33.43	9.22	34.68	254
12425	41.63	0.79	41.64	269	13425	43.09	5.63	43.45	262	14425	33.62	9.98	35.07	253
12450	41.97	0.52	41.98	269	13450	42.13	4.66	42.39	264	14450	33.57	9.62	34.92	254
12475	42.11	0.78	42.11	269	13475	41.68	5.06	41.99	263	14475	34.37	9.78	35.73	254
12500	42.11	1.00	42.12	268	13500	41.41	5.83	41.82	262	14500	34.61	9.73	35.95	254
12525	42.29	0.81	42.30	269	13525	40.97	4.50	41.22	264	14525	34.91	10.47	36.44	253
12550	43.00	0.89	43.01	269	13550	40.75	4.66	41.01	263	14550	35.50	10.52	37.03	253
12575	43.57	1.47	43.59	268	13575	40.43	5.34	40.78	262	14575	35.47	10.10	36.88	254
12600	44.19	2.37	44.25	267	13600	39.94	4.91	40.24	263	14600	35.51	9.78	36.83	254
12625	43.82	2.58	43.89	266	13625	39.60	5.24	39.95	262	14625	36.11	10.03	37.48	254
12650	42.72	2.70	42.80	266	13650	39.30	5.16	39.64	262	14650	36.86	10.54	38.33	254
12675	41.72	2.49	41.80	266	13675	38.58	4.80	38.88	263	14675	37.16	9.66	38.39	255
12700	40.81	2.24	40.87	267	13700	37.90	4.66	38.19	263	14700	37.51	9.53	38.70	256
12725	41.00	2.32	41.07	267	13725	37.06	4.62	37.34	263	14725	37.80	9.78	39.05	255
12750	41.53	2.50	41.61	266	13750	36.36	4.63	36.65	263	14750	38.17	9.88	39.43	255
12775	41.68	2.51	41.75	266	13775	35.90	4.24	36.15	263	14775	38.44	9.98	39.71	255
12800	42.36	3.41	42.50	265	13800	35.68	3.41	35.84	264	14800	38.61	10.00	39.88	255
12825	42.80	2.34	42.86	267	13825	35.17	3.16	35.32	265	14825	38.86	10.62	40.29	255
12850	43.17	1.46	43.19	268	13850	34.76	3.69	34.95	264	14850	39.08	10.91	40.57	254
12875	43.22	2.69	43.30	266	13875	34.25	3.37	34.42	264	14875	39.64	10.55	41.02	255
12900	42.82	3.24	42.95	265	13900	33.75	3.25	33.91	264	14900	39.88	10.58	41.25	255
12925	42.51	3.33	42.64	265	13925	33.29	3.35	33.46	264	14925	39.80	10.73	41.22	255
12950	42.02	3.06	42.13	266	13950	32.81	3.39	32.99	264	14950	39.57	10.09	40.84	256
12975	41.75	3.00	41.85	266	13975	32.21	2.95	32.35	265	14975	39.11	9.37	40.21	256
13000	41.29	3.35	41.42	265	14000	31.65	2.21	31.73	266	15000	38.92	9.23	40.00	256
13025	40.83	3.54	40.98	265	14025	31.16	2.11	31.23	266	15025	38.50	8.71	39.47	257
13050	40.03	4.28	40.26	264	14050	30.52	1.94	30.58	266	15050	38.71	9.28	39.80	256
13075	39.27	4.84	39.57	263	14075	30.41	3.01	30.56	264	15075	39.12	9.26	40.20	257
13100	39.33	4.64	39.61	263	14100	30.57	3.61	30.78	263	15100	39.31	8.11	40.14	258
13125	39.56	4.30	39.79	264	14125	30.82	3.85	31.06	263	15125	39.58	6.44	40.10	261
13150	39.63	4.87	39.93	263	14150	30.93	4.75	31.29	261	15150	39.68	6.00	40.13	261
13175	39.54	3.91	39.74	264	14175	30.85	5.33	31.30	260	15175	39.42	5.05	39.74	263

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2116 04/02/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	39.28	4.12	39.50	264										
15225	39.15	4.44	39.40	263										
15250	38.88	3.61	39.05	265										
15275	38.76	3.13	38.88	265										
15300	38.69	2.84	38.79	266										
15325	39.02	2.19	39.08	267										
15350	38.80	1.98	38.85	267										
15375	38.40	1.03	38.41	268										
15400	38.53	0.20	38.54	270										
15425	38.07	-0.43	38.08	270										
15450	37.67	-1.53	37.70	272										
15475	37.79	-2.39	37.87	273										
15500	38.21	-2.75	38.31	274										
15525	38.39	-3.51	38.55	275										
15550	37.73	-4.61	38.01	277										
15575	36.61	-5.10	36.97	278										
15600	36.42	-4.63	36.71	277										
15625	37.05	-4.94	37.38	277										
15650	37.38	-6.71	37.98	280										
15675	36.66	-7.84	37.49	282										
15700	35.65	-8.00	36.53	282										
15725	34.56	-8.60	35.62	284										
15750	33.41	-9.82	34.82	286										
15775	32.94	-10.41	34.55	287										
15800	32.17	-11.16	34.06	289										
15825	31.99	-10.70	33.73	288										
15850	31.69	-10.36	33.34	288										
15875	30.93	-10.60	32.70	289										
15900	29.56	-10.25	31.29	289										
15925	28.42	-9.28	29.90	288										
15950	27.07	-8.79	28.46	288										
15975	26.29	-8.72	27.70	288										
16000	25.70	-7.86	26.88	287										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-72

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2122 04/02/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	1.15	-11.95	12.01	354	1225	4.98	-8.11	9.51	328	2225	8.77	-7.49	11.54	310
250	1.41	-11.81	11.89	353	1250	4.69	-7.40	8.76	327	2250	9.14	-7.69	11.94	310
275	2.12	-12.06	12.24	350	1275	4.16	-6.94	8.09	329	2275	9.25	-7.72	12.05	310
300	3.00	-12.47	12.82	346	1300	3.83	-6.95	7.94	331	2300	9.25	-7.55	11.94	309
325	2.85	-11.88	12.22	346	1325	3.84	-7.26	8.21	332	2325	9.31	-7.23	11.78	308
350	2.29	-10.84	11.08	348	1350	4.03	-7.84	8.82	333	2350	9.55	-7.13	11.92	307
375	2.42	-10.26	10.54	347	1375	4.23	-8.23	9.25	333	2375	9.71	-7.12	12.04	306
400	2.50	-9.87	10.18	346	1400	4.33	-8.09	9.18	332	2400	9.79	-7.00	12.03	305
425	2.62	-10.12	10.45	345	1425	4.23	-8.13	9.16	332	2425	9.85	-6.83	11.98	305
450	2.74	-10.75	11.09	346	1450	3.97	-8.12	9.03	334	2450	9.89	-6.69	11.94	304
475	3.08	-11.06	11.48	344	1475	3.79	-7.99	8.84	334	2475	10.21	-6.61	12.17	303
500	3.52	-10.83	11.39	342	1500	3.77	-8.09	8.92	335	2500	10.66	-6.58	12.53	302
525	3.48	-10.33	10.90	341	1525	3.97	-8.18	9.09	334	2525	11.03	-6.55	12.82	301
550	3.07	-9.87	10.33	343	1550	4.36	-8.34	9.41	332	2550	11.38	-6.49	13.10	300
575	2.55	-9.70	10.03	345	1575	4.53	-8.31	9.46	331	2575	11.59	-6.64	13.35	300
600	2.76	-9.91	10.29	344	1600	4.66	-8.00	9.26	330	2600	11.61	-6.74	13.42	300
625	2.99	-11.00	11.39	345	1625	5.06	-7.78	9.28	327	2625	11.52	-6.80	13.38	300
650	2.45	-12.40	12.64	349	1650	5.59	-7.67	9.49	324	2650	11.44	-7.01	13.42	301
675	1.94	-13.06	13.20	351	1675	6.10	-7.53	9.69	321	2675	11.46	-7.22	13.55	302
700	1.27	-13.38	13.44	354	1700	6.34	-7.31	9.68	319	2700	11.17	-7.25	13.31	303
725	0.66	-13.36	13.38	357	1725	6.37	-7.35	9.72	319	2725	10.79	-7.02	12.87	303
750	0.45	-12.86	12.87	358	1750	6.32	-7.52	9.82	320	2750	10.74	-6.93	12.78	303
775	0.67	-12.29	12.31	357	1775	6.50	-7.78	10.14	320	2775	10.79	-6.99	12.85	303
800	1.06	-12.01	12.06	355	1800	6.79	-7.94	10.45	319	2800	10.69	-6.85	12.69	302
825	1.53	-11.98	12.08	353	1825	6.95	-7.80	10.45	318	2825	10.36	-6.61	12.29	302
850	2.12	-12.05	12.24	350	1850	7.05	-7.66	10.41	317	2850	10.28	-6.66	12.25	303
875	2.79	-11.73	12.06	346	1875	7.12	-7.53	10.36	316	2875	10.40	-6.63	12.34	302
900	3.72	-10.94	11.56	341	1900	7.21	-7.30	10.26	315	2900	10.42	-6.46	12.26	302
925	4.71	-10.42	11.44	335	1925	7.13	-7.10	10.06	315	2925	10.46	-6.27	12.20	301
950	4.92	-10.15	11.28	334	1950	7.10	-7.03	9.99	315	2950	10.55	-6.06	12.17	300
975	4.76	-10.35	11.39	335	1975	7.23	-7.08	10.12	314	2975	10.35	-5.81	11.87	299
1000	4.88	-10.95	11.99	336	2000	7.22	-7.03	10.08	314	3000	10.25	-5.46	11.62	298
1025	4.88	-11.27	12.28	336	2025	7.32	-6.78	9.98	313	3025	10.14	-5.14	11.37	297
1050	4.52	-11.04	11.93	338	2050	7.35	-6.40	9.74	311	3050	9.79	-4.89	10.94	296
1075	4.27	-10.67	11.49	338	2075	7.46	-6.00	9.57	309	3075	9.13	-4.49	10.18	296
1100	4.43	-10.44	11.34	337	2100	7.83	-6.16	9.96	308	3100	8.76	-4.16	9.70	295
1125	4.97	-10.24	11.38	334	2125	8.10	-6.72	10.53	309	3125	9.51	-4.66	10.59	296
1150	5.71	-10.22	11.71	331	2150	8.33	-7.13	10.96	310	3150	9.98	-5.11	11.21	297
1175	5.84	-9.87	11.47	329	2175	8.34	-7.25	11.05	311	3175	9.92	-4.78	11.01	296
1200	5.31	-8.99	10.44	329	2200	8.38	-7.28	11.10	311	3200	10.22	-4.33	11.10	293

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2122 04/02/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	10.62	-4.08	11.37	291	4225	11.36	-6.21	12.95	299	5225	13.84	-6.81	15.42	296
3250	10.89	-4.12	11.65	291	4250	11.51	-6.47	13.20	299	5250	13.92	-6.70	15.45	296
3275	10.97	-4.14	11.72	291	4275	11.54	-6.61	13.30	300	5275	14.08	-6.49	15.50	295
3300	11.19	-4.10	11.92	290	4300	11.40	-6.62	13.19	300	5300	13.96	-6.58	15.43	295
3325	11.53	-4.18	12.26	290	4325	11.33	-6.76	13.20	301	5325	13.93	-6.58	15.41	295
3350	11.97	-4.36	12.74	290	4350	11.48	-6.76	13.32	300	5350	14.05	-6.58	15.52	295
3375	12.26	-4.33	13.00	289	4375	11.52	-6.51	13.23	299	5375	13.94	-6.57	15.42	295
3400	12.06	-3.93	12.69	288	4400	11.39	-6.16	12.95	298	5400	13.86	-6.45	15.29	295
3425	11.74	-3.60	12.28	287	4425	11.45	-5.75	12.81	296	5425	14.12	-6.54	15.56	295
3450	11.44	-3.48	11.95	287	4450	11.65	-5.50	12.88	295	5450	14.25	-6.67	15.74	295
3475	11.13	-3.44	11.65	287	4475	11.95	-5.32	13.08	294	5475	14.03	-6.65	15.52	295
3500	11.04	-3.64	11.62	288	4500	12.27	-5.21	13.33	293	5500	14.02	-6.54	15.47	295
3525	11.22	-4.14	11.96	290	4525	12.68	-5.45	13.80	293	5525	14.19	-6.36	15.55	294
3550	11.58	-4.61	12.46	292	4550	13.02	-5.71	14.22	293	5550	14.22	-6.37	15.58	294
3575	11.96	-4.79	12.88	292	4575	13.45	-5.84	14.66	293	5575	14.21	-6.46	15.61	294
3600	12.19	-4.72	13.07	291	4600	13.98	-6.18	15.28	294	5600	14.32	-6.50	15.73	294
3625	12.15	-4.66	13.02	291	4625	14.55	-6.64	16.00	294	5625	14.55	-6.62	15.99	294
3650	12.27	-4.69	13.14	291	4650	14.87	-6.76	16.33	294	5650	14.74	-6.80	16.23	295
3675	12.50	-4.70	13.35	290	4675	14.75	-6.74	16.22	294	5675	15.00	-7.03	16.57	295
3700	12.27	-4.57	13.10	290	4700	14.50	-6.73	15.98	295	5700	15.28	-7.24	16.91	295
3725	12.23	-4.47	13.02	290	4725	14.18	-6.48	15.59	294	5725	15.41	-7.40	17.10	295
3750	12.12	-4.28	12.85	289	4750	14.08	-6.36	15.45	294	5750	15.40	-7.60	17.18	296
3775	12.13	-4.34	12.88	290	4775	13.95	-6.08	15.22	293	5775	15.39	-7.69	17.21	296
3800	12.80	-4.74	13.65	290	4800	13.99	-5.79	15.14	292	5800	15.42	-7.64	17.21	296
3825	12.85	-4.62	13.66	290	4825	14.10	-6.02	15.34	293	5825	15.47	-7.58	17.23	296
3850	12.45	-4.39	13.20	289	4850	14.12	-6.49	15.54	295	5850	15.56	-7.76	17.39	296
3875	12.43	-4.39	13.18	289	4875	14.06	-6.61	15.53	295	5875	15.53	-8.07	17.50	297
3900	12.20	-4.44	12.98	290	4900	13.83	-6.44	15.25	295	5900	15.21	-8.34	17.35	299
3925	11.77	-4.59	12.63	291	4925	13.60	-6.45	15.05	295	5925	14.85	-8.38	17.06	299
3950	11.53	-4.94	12.54	293	4950	13.37	-6.49	14.87	296	5950	14.61	-8.38	16.84	300
3975	11.26	-5.58	12.57	296	4975	12.94	-6.65	14.55	297	5975	14.41	-8.24	16.60	300
4000	11.02	-6.08	12.58	299	5000	12.61	-6.88	14.37	298	6000	14.10	-7.69	16.07	298
4025	10.96	-6.20	12.59	299	5025	12.82	-6.95	14.58	298	6025	13.69	-7.29	15.51	298
4050	11.11	-6.20	12.72	299	5050	12.86	-6.92	14.60	298	6050	13.73	-7.52	15.65	299
4075	11.28	-6.23	12.89	299	5075	12.53	-6.75	14.23	298	6075	14.06	-8.02	16.19	300
4100	11.42	-6.16	12.98	298	5100	12.38	-6.62	14.04	298	6100	14.35	-8.16	16.51	299
4125	11.54	-6.06	13.03	298	5125	12.64	-6.65	14.29	298	6125	14.71	-8.09	16.79	299
4150	11.67	-6.07	13.15	297	5150	13.06	-6.59	14.63	297	6150	14.86	-8.00	16.88	298
4175	11.68	-6.03	13.15	297	5175	13.25	-6.67	14.83	297	6175	14.94	-7.79	16.84	297
4200	11.47	-6.02	12.96	298	5200	13.59	-6.74	15.17	296	6200	15.21	-7.50	16.96	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-72 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 2122 04/02/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	15.58	-7.31	17.21	295	7225	16.80	-6.18	17.90	290	8225	20.18	-8.03	21.72	292
6250	15.94	-7.11	17.45	294	7250	17.11	-6.29	18.23	290	8250	20.36	-8.18	21.95	292
6275	16.30	-7.15	17.80	294	7275	17.33	-6.34	18.45	290	8275	20.60	-8.31	22.21	292
6300	16.56	-7.52	18.19	294	7300	17.27	-6.29	18.38	290	8300	20.55	-8.33	22.17	292
6325	16.67	-7.92	18.46	295	7325	17.39	-6.24	18.48	290	8325	20.58	-8.21	22.15	292
6350	16.68	-8.20	18.59	296	7350	17.71	-6.54	18.88	290	8350	20.72	-8.07	22.23	291
6375	16.71	-8.26	18.64	296	7375	17.81	-6.88	19.10	291	8375	20.85	-8.17	22.40	291
6400	16.92	-8.47	18.92	296	7400	17.95	-7.03	19.27	291	8400	20.81	-8.28	22.39	292
6425	17.10	-8.82	19.24	297	7425	18.20	-7.07	19.52	291	8425	20.80	-8.29	22.39	292
6450	17.11	-8.60	19.15	297	7450	18.33	-7.06	19.64	291	8450	20.80	-8.41	22.44	292
6475	17.20	-8.24	19.07	295	7475	18.27	-6.92	19.54	291	8475	20.75	-8.62	22.47	292
6500	17.14	-7.69	18.78	294	7500	18.13	-7.02	19.44	291	8500	20.80	-8.76	22.57	293
6525	16.94	-7.04	18.34	292	7525	17.89	-7.50	19.40	293	8525	20.72	-8.81	22.52	293
6550	16.93	-6.89	18.28	292	7550	17.79	-7.52	19.32	293	8550	20.66	-8.83	22.47	293
6575	17.00	-6.61	18.24	291	7575	17.84	-7.69	19.42	293	8575	20.68	-8.90	22.51	293
6600	16.93	-5.98	17.96	289	7600	17.79	-8.00	19.51	294	8600	20.80	-8.92	22.63	293
6625	16.79	-5.70	17.73	289	7625	17.83	-8.08	19.58	294	8625	20.87	-9.09	22.76	293
6650	16.45	-5.62	17.39	289	7650	17.99	-8.33	19.83	295	8650	20.94	-9.40	22.95	294
6675	16.14	-5.52	17.06	289	7675	18.25	-8.35	20.08	294	8675	21.00	-9.51	23.05	294
6700	15.93	-5.46	16.84	289	7700	18.50	-8.29	20.27	294	8700	21.05	-9.42	23.06	294
6725	15.72	-5.34	16.61	289	7725	18.66	-8.23	20.40	294	8725	20.99	-9.51	23.05	294
6750	15.67	-5.24	16.53	288	7750	18.69	-8.24	20.42	294	8750	21.11	-9.65	23.21	294
6775	15.47	-5.14	16.30	288	7775	18.89	-8.31	20.64	294	8775	21.22	-10.00	23.46	295
6800	15.30	-5.16	16.15	288	7800	19.18	-8.18	20.85	293	8800	21.23	-10.52	23.69	296
6825	15.20	-5.23	16.07	289	7825	19.41	-7.93	20.96	292	8825	21.26	-10.60	23.76	296
6850	14.98	-5.24	15.87	289	7850	19.47	-7.87	21.00	292	8850	21.04	-10.21	23.38	296
6875	14.74	-5.32	15.67	290	7875	19.51	-7.99	21.08	292	8875	20.83	-10.21	23.19	296
6900	14.54	-5.30	15.48	290	7900	19.76	-7.95	21.30	292	8900	20.75	-10.02	23.04	296
6925	14.42	-5.38	15.40	290	7925	19.97	-7.87	21.47	291	8925	20.50	-9.67	22.67	295
6950	14.25	-5.77	15.37	292	7950	20.14	-7.90	21.63	291	8950	20.07	-9.67	22.27	296
6975	13.91	-6.09	15.18	293	7975	20.00	-8.05	21.56	292	8975	19.85	-9.36	21.95	295
7000	13.85	-6.29	15.21	294	8000	19.97	-8.17	21.58	292	9000	19.74	-9.16	21.76	295
7025	14.11	-6.21	15.42	294	8025	19.95	-8.32	21.62	292	9025	19.85	-8.57	21.62	293
7050	14.55	-5.83	15.67	292	8050	19.74	-8.38	21.45	293	9050	19.79	-8.15	21.40	292
7075	15.11	-5.70	16.15	290	8075	19.76	-8.36	21.45	293	9075	19.66	-8.23	21.31	293
7100	15.50	-5.62	16.49	290	8100	19.90	-8.31	21.57	292	9100	19.89	-7.94	21.41	292
7125	15.54	-5.42	16.46	289	8125	19.86	-8.34	21.54	293	9125	19.90	-7.56	21.29	291
7150	15.69	-5.18	16.52	288	8150	19.80	-8.26	21.45	292	9150	19.90	-7.31	21.20	290
7175	16.08	-5.22	16.90	288	8175	19.87	-8.18	21.49	292	9175	19.74	-7.27	21.04	290
7200	16.45	-5.74	17.43	289	8200	20.02	-8.18	21.62	292	9200	19.68	-7.42	21.03	290

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 2122 04/02/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	19.76	-7.47	21.13	291	10225	19.60	-11.39	22.67	300	11225	25.70	-10.94	27.93	293
9250	19.57	-7.53	20.96	291	10250	19.61	-11.75	22.86	301	11250	25.53	-11.55	28.02	294
9275	19.62	-7.76	21.10	291	10275	19.68	-11.67	22.88	300	11275	25.24	-12.56	28.20	296
9300	20.05	-7.89	21.55	291	10300	19.65	-11.68	22.86	301	11300	25.40	-12.98	28.52	297
9325	20.58	-7.87	22.03	291	10325	19.65	-11.82	22.93	301	11325	25.97	-12.84	28.97	296
9350	21.00	-7.75	22.38	290	10350	19.62	-11.92	22.96	301	11350	25.93	-12.47	28.77	296
9375	21.26	-7.68	22.61	290	10375	19.80	-11.86	23.08	301	11375	25.61	-12.63	28.56	296
9400	21.50	-7.46	22.75	289	10400	19.93	-11.62	23.07	300	11400	25.72	-12.53	28.61	296
9425	21.35	-7.59	22.66	289	10425	19.66	-11.79	22.92	301	11425	25.45	-12.37	28.30	296
9450	21.01	-8.03	22.49	291	10450	19.57	-11.63	22.76	301	11450	25.00	-12.69	28.03	297
9475	20.92	-8.38	22.53	292	10475	19.61	-11.72	22.84	301	11475	25.00	-12.66	28.03	297
9500	20.64	-8.50	22.32	292	10500	19.57	-11.46	22.67	300	11500	25.09	-12.50	28.03	296
9525	20.49	-8.39	22.14	292	10525	19.65	-11.08	22.56	299	11525	25.02	-12.67	28.04	297
9550	20.47	-8.44	22.14	292	10550	19.32	-11.34	22.40	300	11550	24.62	-13.14	27.91	298
9575	20.03	-8.57	21.79	293	10575	19.04	-11.25	22.12	300	11575	24.30	-13.39	27.75	299
9600	19.65	-8.71	21.49	294	10600	19.15	-10.87	22.02	299	11600	24.54	-13.52	28.01	299
9625	19.37	-8.89	21.31	294	10625	19.18	-10.85	22.04	299	11625	24.63	-13.54	28.10	299
9650	19.19	-9.12	21.25	295	10650	19.31	-10.57	22.01	299	11650	24.62	-13.86	28.25	299
9675	19.27	-9.37	21.43	296	10675	19.69	-10.06	22.11	297	11675	24.55	-14.09	28.31	300
9700	19.42	-9.61	21.66	296	10700	19.69	-9.77	21.98	296	11700	24.62	-14.06	28.35	300
9725	19.48	-9.88	21.84	297	10725	19.63	-9.99	22.02	297	11725	24.16	-14.46	28.15	301
9750	19.57	-10.15	22.04	297	10750	20.37	-9.67	22.55	295	11750	23.48	-15.04	27.88	302
9775	19.72	-10.44	22.32	298	10775	20.68	-9.26	22.65	294	11775	23.09	-14.29	27.15	302
9800	19.79	-10.73	22.51	298	10800	20.67	-9.44	22.72	294	11800	22.51	-12.37	25.68	299
9825	19.80	-10.91	22.61	299	10825	20.89	-9.43	22.92	294	11825	22.84	-11.47	25.56	296
9850	19.67	-11.17	22.62	299	10850	21.40	-9.22	23.30	293	11850	23.51	-10.44	25.72	294
9875	19.59	-11.30	22.61	300	10875	21.86	-9.14	23.69	293	11875	24.44	-9.09	26.07	290
9900	19.45	-11.42	22.55	300	10900	22.24	-9.29	24.10	293	11900	25.51	-8.28	26.82	288
9925	19.27	-11.68	22.53	301	10925	23.01	-9.77	25.00	293	11925	25.99	-8.36	27.30	288
9950	19.09	-11.55	22.31	301	10950	23.56	-10.34	25.73	294	11950	26.00	-8.34	27.30	288
9975	18.92	-11.31	22.04	301	10975	23.89	-10.15	25.96	293	11975	25.93	-7.39	26.96	286
10000	18.64	-11.68	22.00	302	11000	24.45	-10.70	26.69	293	12000	26.50	-7.04	27.42	285
10025	18.76	-11.52	22.02	301	11025	24.74	-11.71	27.37	295	12025	26.97	-7.00	27.86	284
10050	19.16	-11.30	22.24	300	11050	25.04	-11.92	27.73	295	12050	26.78	-6.39	27.53	283
10075	19.14	-11.40	22.28	301	11075	25.27	-11.57	27.79	294	12075	26.92	-5.87	27.55	282
10100	19.07	-11.51	22.27	301	11100	25.64	-10.87	27.85	293	12100	27.75	-5.50	28.29	281
10125	19.16	-11.34	22.26	300	11125	25.47	-10.86	27.69	293	12125	28.00	-4.90	28.43	280
10150	19.20	-11.28	22.27	300	11150	25.26	-11.09	27.58	294	12150	27.95	-4.17	28.26	278
10175	19.23	-11.44	22.37	301	11175	25.57	-10.86	27.79	293	12175	28.24	-3.52	28.46	277
10200	19.50	-11.33	22.55	300	11200	25.65	-10.96	27.89	293	12200	28.42	-2.87	28.56	276

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

TABLE II-72 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2122 04/02/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	28.46	-2.07	28.53	274	13225	37.00	2.10	37.06	267	14225	32.60	-3.26	32.77	276
12250	28.30	-0.76	28.31	271	13250	36.29	2.27	36.36	266	14250	32.57	-3.38	32.75	276
12275	28.30	-0.21	28.30	270	13275	35.97	2.65	36.07	266	14275	32.75	-2.77	32.87	275
12300	28.50	0.15	28.50	270	13300	35.29	2.50	35.38	266	14300	32.98	-2.47	33.08	274
12325	28.54	0.56	28.55	269	13325	34.99	2.06	35.05	266	14325	33.07	-3.01	33.21	275
12350	28.52	0.94	28.54	268	13350	34.68	2.15	34.74	266	14350	33.00	-2.77	33.12	275
12375	28.41	0.88	28.42	268	13375	34.46	2.55	34.55	266	14375	32.79	-2.41	32.88	274
12400	27.98	0.82	27.99	268	13400	34.38	3.03	34.51	265	14400	33.16	-1.95	33.22	273
12425	28.31	1.82	28.37	266	13425	34.33	3.09	34.47	265	14425	33.94	-1.10	33.95	272
12450	28.61	2.07	28.69	266	13450	34.68	2.76	34.78	265	14450	34.34	0.15	34.34	270
12475	28.54	1.77	28.59	266	13475	35.06	2.76	35.17	265	14475	34.54	0.67	34.54	269
12500	28.65	1.45	28.69	267	13500	35.11	2.44	35.20	266	14500	34.91	1.49	34.94	267
12525	28.74	0.79	28.75	268	13525	35.13	1.89	35.18	267	14525	34.68	1.93	34.74	267
12550	28.89	0.20	28.89	269	13550	35.23	1.30	35.25	268	14550	33.96	1.38	33.99	268
12575	28.87	-0.12	28.87	270	13575	35.78	0.68	35.79	269	14575	34.46	2.53	34.55	266
12600	28.88	-0.73	28.89	271	13600	36.07	0.16	36.07	270	14600	34.42	2.80	34.53	265
12625	29.06	-0.81	29.07	271	13625	36.17	-0.55	36.18	271	14625	33.84	2.35	33.92	266
12650	29.08	-0.51	29.08	271	13650	36.27	-0.94	36.28	271	14650	33.62	2.24	33.69	266
12675	29.09	0.03	29.09	270	13675	37.37	-1.31	37.39	272	14675	33.35	1.99	33.41	266
12700	29.27	0.89	29.29	268	13700	37.92	-1.37	37.94	272	14700	32.98	2.00	33.04	266
12725	29.56	1.46	29.60	267	13725	38.07	-1.44	38.10	272	14725	32.74	1.74	32.79	267
12750	29.62	1.76	29.68	266	13750	39.34	-1.27	39.36	272	14750	32.39	1.25	32.41	268
12775	29.53	1.85	29.59	266	13775	40.31	-1.01	40.32	271	14775	31.99	1.27	32.02	268
12800	30.02	2.20	30.10	266	13800	40.85	-2.01	40.90	273	14800	31.85	1.01	31.87	268
12825	30.82	2.70	30.94	265	13825	41.07	-2.50	41.15	273	14825	31.50	0.76	31.50	268
12850	30.67	2.79	30.80	265	13850	41.32	-2.28	41.38	273	14850	31.64	0.95	31.66	268
12875	30.51	2.90	30.65	264	13875	40.55	-2.71	40.64	274	14875	31.84	0.41	31.85	269
12900	31.09	3.39	31.27	264	13900	39.42	-2.42	39.50	273	14900	31.76	0.29	31.76	269
12925	31.65	3.63	31.86	263	13925	38.20	-2.76	38.30	274	14925	31.61	-0.11	31.61	270
12950	32.29	3.92	32.53	263	13950	37.19	-3.23	37.33	275	14950	31.39	-0.65	31.39	271
12975	32.72	3.75	32.93	263	13975	36.25	-3.53	36.42	275	14975	31.29	-0.34	31.30	270
13000	32.90	3.45	33.08	264	14000	35.28	-4.10	35.52	276	15000	30.97	-0.39	30.98	271
13025	33.11	3.18	33.26	264	14025	34.86	-4.35	35.13	277	15025	30.90	0.22	30.90	269
13050	33.60	2.83	33.72	265	14050	34.40	-4.63	34.71	277	15050	30.81	0.55	30.81	269
13075	34.09	2.70	34.20	265	14075	34.61	-4.45	34.90	277	15075	30.28	0.16	30.28	270
13100	34.54	2.62	34.64	265	14100	34.42	-5.05	34.78	278	15100	30.47	0.45	30.48	269
13125	35.26	2.60	35.35	266	14125	33.86	-5.17	34.26	278	15125	30.17	0.16	30.17	270
13150	35.98	2.69	36.08	266	14150	33.23	-4.77	33.57	278	15150	29.88	0.53	29.88	269
13175	36.71	2.45	36.79	266	14175	32.96	-4.29	33.23	277	15175	30.16	1.30	30.18	267
13200	37.25	2.18	37.32	266	14200	32.89	-3.49	33.08	276	15200	29.66	1.01	29.67	268

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2122 04/02/65, 1305Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	29.36	1.30	29.39	267	16225	30.57	7.50	31.47	256	17225	16.48	-11.01	19.82	304
15250	28.61	1.01	28.63	268	16250	30.72	8.18	31.79	255	17250	15.98	-11.02	19.41	304
15275	28.62	1.03	28.64	268	16275	30.82	8.70	32.02	254	17275	15.69	-11.47	19.44	306
15300	29.05	1.86	29.11	266	16300	31.25	8.97	32.51	254	17300	15.56	-11.09	19.11	305
15325	29.31	1.26	29.33	267	16325	32.35	8.66	33.49	255	17325	15.32	-9.84	18.21	303
15350	29.29	0.30	29.29	269	16350	32.98	8.78	34.13	255	17350	15.26	-8.85	17.64	300
15375	29.91	0.98	29.93	268	16375	33.71	9.52	35.03	254	17375	14.50	-9.64	17.41	303
15400	30.05	0.26	30.05	269	16400	33.73	7.43	34.54	257	17400	14.50	-8.90	17.01	301
15425	30.85	-0.97	30.86	272	16425	33.67	4.68	33.99	262	17425	14.91	-7.84	16.85	298
15450	31.61	-0.42	31.61	271	16450	34.02	4.18	34.28	263	17450	14.98	-7.12	16.59	295
15475	31.46	-0.65	31.46	271	16475	34.24	3.35	34.40	264	17475	14.85	-6.26	16.12	293
15500	31.54	-0.37	31.54	270	16500	34.56	2.21	34.63	266	17500	14.43	-5.57	15.46	291
15525	32.18	-0.07	32.18	270	16525	34.43	2.10	34.49	266	17525	15.03	-4.75	15.77	287
15550	32.39	-0.73	32.39	271	16550	33.94	1.56	33.97	267	17550	15.99	-3.93	16.47	284
15575	32.06	-0.06	32.06	270	16575	33.43	-0.61	33.44	271	17575	16.80	-3.39	17.14	281
15600	31.79	1.74	31.84	267	16600	33.00	-2.08	33.06	273	17600	17.12	-2.74	17.33	279
15625	31.75	2.57	31.86	265	16625	32.67	-2.71	32.78	275	17625	16.98	-1.90	17.08	276
15650	31.38	2.93	31.51	264	16650	31.69	-3.86	31.93	277	17650	17.25	-0.72	17.27	272
15675	31.28	3.12	31.43	264	16675	31.10	-5.34	31.56	280	17675	17.18	-1.13	17.22	274
15700	31.34	3.54	31.54	263	16700	30.49	-6.97	31.28	283	17700	17.12	-1.66	17.20	275
15725	31.23	3.86	31.47	263	16725	30.03	-7.29	30.91	283	17725	17.48	-0.94	17.50	273
15750	31.12	4.18	31.40	262	16750	29.55	-7.85	30.58	285	17750	17.68	-0.00	17.68	270
15775	30.78	3.87	31.02	263	16775	28.81	-9.50	30.34	288	17775	17.64	0.94	17.66	267
15800	30.58	4.21	30.87	262	16800	28.07	-10.38	29.93	290	17800	17.76	1.32	17.81	266
15825	30.45	4.43	30.78	262	16825	27.34	-10.52	29.29	291	17825	17.83	1.01	17.86	267
15850	30.35	4.64	30.70	261	16850	26.65	-11.94	29.20	294	17850	18.10	1.58	18.17	265
15875	30.17	5.24	30.62	260	16875	26.24	-11.43	28.62	293	17875	17.98	1.99	18.09	264
15900	29.80	5.03	30.22	260	16900	25.91	-10.96	28.13	293					
15925	29.57	5.28	30.03	260	16925	25.18	-12.19	27.98	296					
15950	28.92	5.51	29.44	259	16950	24.33	-11.88	27.07	296					
15975	27.20	5.76	27.81	258	16975	23.51	-12.42	26.59	298					
16000	28.33	6.56	29.08	257	17000	22.98	-12.73	26.27	299					
16025	30.23	6.59	30.94	258	17025	22.29	-13.19	25.90	300					
16050	29.77	5.46	30.27	259	17050	21.71	-13.46	25.55	302					
16075	30.70	4.15	30.98	262	17075	21.13	-12.97	24.79	301					
16100	31.10	3.07	31.25	264	17100	20.20	-12.76	23.89	302					
16125	31.06	2.90	31.20	264	17125	19.31	-12.97	23.26	304					
16150	30.53	4.36	30.85	262	17150	18.37	-12.97	22.49	305					
16175	30.37	5.48	30.86	260	17175	17.45	-12.71	21.59	306					
16200	30.51	6.74	31.25	257	17200	16.85	-12.14	20.77	306					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-73

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2117 04/03/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
275	1.76	-6.19	6.43	344	1275	3.64	-7.30	8.15	333	2275	2.36	-10.19	10.46	347
300	1.14	-6.36	6.46	350	1300	3.68	-7.32	8.20	333	2300	2.45	-9.89	10.19	346
325	0.88	-6.55	6.61	352	1325	3.78	-7.53	8.43	333	2325	2.42	-9.17	9.48	345
350	0.82	-6.82	6.87	353	1350	3.59	-7.69	8.49	335	2350	2.29	-8.31	8.62	344
375	0.55	-6.85	6.88	355	1375	3.28	-7.74	8.40	337	2375	2.24	-7.69	8.01	344
400	0.51	-6.84	6.85	356	1400	3.02	-7.93	8.49	339	2400	2.49	-7.36	7.77	341
425	0.86	-7.08	7.13	353	1425	2.71	-8.10	8.54	341	2425	2.79	-7.12	7.65	338
450	1.07	-7.34	7.41	351	1450	2.61	-8.32	8.72	342	2450	3.02	-6.72	7.37	336
475	0.66	-7.57	7.60	355	1475	2.57	-8.62	9.00	343	2475	3.24	-6.42	7.19	333
500	0.14	-7.86	7.86	359	1500	2.45	-9.01	9.34	345	2500	3.39	-6.47	7.31	332
525	-0.10	-8.19	8.19	0	1525	2.44	-9.32	9.64	345	2525	3.37	-6.86	7.64	334
550	-0.46	-8.49	8.51	3	1550	2.38	-9.36	9.66	346	2550	3.08	-7.58	8.18	338
575	-0.71	-8.64	8.67	4	1575	2.37	-9.18	9.48	345	2575	2.73	-8.39	8.82	342
600	-0.78	-8.73	8.77	5	1600	2.55	-9.18	9.53	344	2600	2.45	-8.82	9.15	344
625	-0.92	-8.93	8.97	6	1625	2.77	-9.35	9.75	343	2625	2.24	-9.05	9.32	346
650	-0.84	-9.23	9.27	5	1650	3.12	-9.38	9.88	341	2650	2.00	-9.37	9.58	348
675	-0.58	-9.75	9.77	3	1675	3.44	-9.41	10.02	340	2675	1.72	-9.54	9.70	350
700	-0.19	-10.35	10.35	1	1700	3.57	-9.50	10.15	339	2700	1.82	-9.31	9.49	349
725	0.28	-10.71	10.71	358	1725	3.62	-9.77	10.42	340	2725	2.31	-8.85	9.15	345
750	0.41	-10.93	10.93	358	1750	3.64	-10.30	10.92	340	2750	2.72	-8.39	8.82	342
775	0.55	-10.90	10.91	357	1775	3.66	-10.69	11.30	341	2775	2.98	-7.83	8.38	339
800	0.70	-10.69	10.71	356	1800	3.68	-10.76	11.37	341	2800	3.41	-7.55	8.29	335
825	0.82	-10.67	10.70	355	1825	3.73	-10.85	11.47	341	2825	3.86	-7.36	8.31	332
850	0.88	-10.77	10.80	355	1850	3.60	-10.89	11.47	342	2850	3.89	-6.78	7.82	330
875	0.69	-11.03	11.05	356	1875	3.33	-10.79	11.30	343	2875	3.56	-6.44	7.36	331
900	0.59	-11.47	11.49	357	1900	3.12	-10.79	11.23	344	2900	3.29	-6.43	7.22	333
925	0.62	-11.75	11.77	357	1925	3.01	-10.86	11.27	344	2925	3.38	-6.35	7.19	332
950	0.70	-12.03	12.05	356	1950	3.07	-10.79	11.22	344	2950	3.72	-6.22	7.25	329
975	1.00	-12.05	12.09	355	1975	3.11	-10.57	11.01	343	2975	4.00	-6.05	7.25	326
1000	1.36	-11.51	11.59	353	2000	2.94	-10.20	10.62	344	3000	4.16	-5.80	7.14	324
1025	1.63	-10.72	10.84	351	2025	2.91	-10.07	10.48	344	3025	4.38	-5.61	7.12	322
1050	2.05	-10.11	10.31	348	2050	2.88	-10.21	10.61	344	3050	4.60	-5.57	7.23	320
1075	2.39	-9.89	10.17	346	2075	2.76	-10.33	10.69	345	3075	4.60	-5.60	7.25	320
1100	2.51	-9.69	10.01	345	2100	2.70	-10.42	10.77	345	3100	4.63	-5.59	7.26	320
1125	2.80	-9.31	9.72	343	2125	2.62	-10.43	10.75	346	3125	4.74	-5.58	7.32	320
1150	2.91	-8.82	9.28	342	2150	2.39	-10.57	10.84	347	3150	4.69	-5.70	7.38	320
1175	2.93	-8.20	8.71	340	2175	2.11	-10.66	10.87	349	3175	4.66	-5.90	7.52	321
1200	3.23	-7.70	8.35	337	2200	1.96	-10.55	10.73	349	3200	4.64	-6.02	7.60	322
1225	3.47	-7.47	8.24	335	2225	1.96	-10.32	10.51	349	3225	4.51	-6.10	7.59	323
1250	3.60	-7.34	8.18	334	2250	2.13	-10.20	10.42	348	3250	4.24	-6.14	7.46	325

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2117 04/03/65, 0100Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3275	3.86	-5.87	7.03	327	4275	9.54	-7.17	11.94	307	5275	13.60	-7.55	15.55	299
3300	3.81	-6.15	7.24	328	4300	9.83	-6.98	12.05	305	5300	13.51	-8.11	15.76	301
3325	3.99	-6.87	7.95	330	4325	10.08	-7.04	12.29	305	5325	13.18	-8.60	15.74	303
3350	3.97	-6.89	7.96	330	4350	9.96	-7.09	12.22	305	5350	12.85	-9.10	15.75	305
3375	3.82	-6.75	7.75	330	4375	9.77	-6.99	12.02	305	5375	12.60	-9.61	15.85	307
3400	3.53	-6.55	7.44	332	4400	9.74	-6.91	11.94	305	5400	12.30	-9.96	15.83	309
3425	3.34	-6.43	7.24	332	4425	9.60	-7.07	11.92	306	5425	11.98	-10.28	15.79	310
3450	3.22	-6.41	7.17	333	4450	9.51	-7.39	12.05	308	5450	11.60	-10.75	15.82	313
3475	3.12	-6.42	7.14	334	4475	9.62	-7.70	12.32	308	5475	11.44	-11.27	16.06	314
3500	3.37	-6.63	7.43	333	4500	9.71	-7.82	12.47	309	5500	11.76	-11.97	16.78	315
3525	3.62	-6.73	7.64	332	4525	9.75	-7.76	12.46	308	5525	12.06	-12.53	17.39	316
3550	3.50	-6.69	7.55	332	4550	9.81	-7.67	12.45	308	5550	12.24	-12.86	17.75	316
3575	3.19	-6.49	7.23	334	4575	9.87	-7.55	12.43	307	5575	12.42	-12.93	17.92	316
3600	3.33	-6.35	7.17	332	4600	9.94	-7.58	12.50	307	5600	12.41	-12.55	17.65	315
3625	3.83	-6.47	7.51	329	4625	9.96	-7.61	12.54	307	5625	12.21	-12.23	17.28	315
3650	4.07	-6.73	7.87	329	4650	9.95	-7.43	12.42	307	5650	12.17	-12.34	17.33	315
3675	4.05	-6.95	8.04	330	4675	10.11	-7.31	12.48	306	5675	12.20	-12.41	17.40	315
3700	4.06	-7.03	8.12	330	4700	10.29	-7.28	12.61	305	5700	12.04	-12.23	17.16	315
3725	4.09	-7.07	8.17	330	4725	10.35	-7.13	12.57	304	5725	12.00	-12.09	17.03	315
3750	3.91	-7.04	8.06	331	4750	10.35	-7.07	12.53	304	5750	12.04	-12.02	17.02	315
3775	3.84	-7.03	8.01	331	4775	10.48	-7.10	12.66	304	5775	12.02	-11.95	16.95	315
3800	4.13	-6.96	8.09	329	4800	10.54	-7.06	12.69	304	5800	12.16	-11.91	17.03	314
3825	4.52	-6.55	7.95	325	4825	10.58	-6.83	12.59	303	5825	12.26	-11.98	17.14	314
3850	4.79	-6.21	7.84	322	4850	10.91	-6.48	12.69	301	5850	12.28	-12.02	17.18	314
3875	5.18	-6.11	8.01	320	4875	11.31	-6.13	12.86	298	5875	12.67	-12.00	17.45	313
3900	5.31	-6.17	8.14	319	4900	11.41	-6.10	12.94	298	5900	13.19	-12.08	17.89	312
3925	5.24	-6.21	8.12	320	4925	11.41	-6.35	13.06	299	5925	13.52	-12.14	18.17	312
3950	5.34	-6.35	8.30	320	4950	11.68	-6.66	13.45	300	5950	13.74	-12.42	18.52	312
3975	5.54	-6.40	8.46	319	4975	11.98	-6.96	13.86	300	5975	13.87	-12.81	18.88	313
4000	5.76	-6.52	8.69	318	5000	12.04	-7.17	14.01	301	6000	14.08	-12.91	19.10	312
4025	6.18	-7.28	9.55	319	5025	11.88	-7.38	13.99	302	6025	14.31	-12.61	19.07	311
4050	6.75	-7.97	10.45	320	5050	11.77	-7.67	14.04	303	6050	14.46	-12.18	18.91	310
4075	7.11	-7.82	10.57	318	5075	11.80	-7.80	14.15	303	6075	14.86	-12.02	19.11	309
4100	7.39	-7.44	10.48	315	5100	12.07	-7.52	14.22	302	6100	15.31	-11.87	19.38	308
4125	7.74	-7.25	10.60	313	5125	12.57	-7.05	14.41	299	6125	15.47	-11.69	19.39	307
4150	8.00	-7.12	10.71	311	5150	12.99	-6.65	14.59	297	6150	15.61	-11.75	19.54	307
4175	8.14	-6.76	10.58	310	5175	13.44	-6.60	14.97	296	6175	15.79	-11.84	19.74	307
4200	8.51	-6.68	10.82	308	5200	13.66	-6.68	15.21	296	6200	16.05	-11.71	19.87	306
4225	9.06	-7.12	11.52	308	5225	13.59	-6.75	15.17	296	6225	16.48	-11.44	20.06	305
4250	9.37	-7.38	11.92	308	5250	13.55	-7.02	15.26	297	6250	16.97	-11.13	20.29	303

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-73 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2117 04/03/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6275	17.35	-10.90	20.49	302	7275	17.81	-9.81	20.33	299	8275	15.29	-10.98	18.83	306
6300	17.65	-10.85	20.71	301	7300	18.06	-9.77	20.54	298	8300	15.08	-10.76	18.53	305
6325	17.76	-10.65	20.71	301	7325	18.25	-9.74	20.68	298	8325	15.04	-10.62	18.41	305
6350	17.69	-10.47	20.56	300	7350	18.51	-9.83	20.95	298	8350	14.99	-10.46	18.28	305
6375	17.67	-10.49	20.55	301	7375	18.79	-9.92	21.25	298	8375	14.74	-10.45	18.07	305
6400	17.62	-10.43	20.47	300	7400	18.88	-9.92	21.33	298	8400	14.67	-10.54	18.06	306
6425	17.51	-10.27	20.30	300	7425	19.03	-9.96	21.48	297	8425	14.78	-10.62	18.20	306
6450	17.40	-10.16	20.15	300	7450	19.12	-9.76	21.46	297	8450	14.68	-10.66	18.14	306
6475	17.39	-9.99	20.06	300	7475	19.21	-9.69	21.51	297	8475	14.44	-10.63	17.93	306
6500	17.49	-9.73	20.02	299	7500	19.21	-9.91	21.61	297	8500	14.43	-10.52	17.86	306
6525	17.60	-9.83	20.16	299	7525	19.19	-10.16	21.72	298	8525	14.28	-10.53	17.74	306
6550	17.76	-10.07	20.42	299	7550	19.35	-10.45	21.99	298	8550	14.10	-10.48	17.57	306
6575	17.78	-10.01	20.40	299	7575	19.37	-10.70	22.13	299	8575	14.27	-10.35	17.62	306
6600	17.67	-9.98	20.29	299	7600	19.15	-10.85	22.01	299	8600	14.51	-10.23	17.75	305
6625	17.55	-10.00	20.20	299	7625	18.78	-10.94	21.73	300	8625	14.47	-10.05	17.62	305
6650	17.31	-10.03	20.01	300	7650	18.54	-11.06	21.59	301	8650	14.24	-10.10	17.46	305
6675	17.34	-10.05	20.05	300	7675	18.45	-11.34	21.65	301	8675	14.20	-10.10	17.42	305
6700	17.50	-10.01	20.16	300	7700	18.35	-11.41	21.61	302	8700	13.97	-9.95	17.15	305
6725	17.37	-10.01	20.05	300	7725	17.94	-11.22	21.16	302	8725	13.79	-9.92	16.99	306
6750	17.24	-10.09	19.97	300	7750	17.68	-11.22	20.94	302	8750	13.78	-9.77	16.89	305
6775	17.10	-10.05	19.84	300	7775	17.69	-11.32	21.00	302	8775	13.69	-9.53	16.68	305
6800	17.03	-9.90	19.70	300	7800	17.57	-11.18	20.82	302	8800	13.50	-9.55	16.54	305
6825	16.94	-9.87	19.61	300	7825	17.68	-11.24	20.95	302	8825	13.52	-9.85	16.72	306
6850	16.80	-9.88	19.50	300	7850	17.88	-11.48	21.25	303	8850	13.43	-10.25	16.89	307
6875	16.80	-9.86	19.48	300	7875	17.89	-11.61	21.32	303	8875	13.36	-10.59	17.05	308
6900	16.78	-9.62	19.34	300	7900	17.85	-11.77	21.39	303	8900	13.26	-10.70	17.04	309
6925	16.78	-9.52	19.29	299	7925	17.60	-11.78	21.18	304	8925	13.04	-10.62	16.81	309
6950	16.77	-9.41	19.23	299	7950	17.33	-11.59	20.85	304	8950	12.92	-10.43	16.61	309
6975	16.88	-9.37	19.31	299	7975	17.08	-11.45	20.56	304	8975	12.93	-10.41	16.59	309
7000	17.11	-9.41	19.53	299	8000	16.83	-11.36	20.31	304	9000	13.00	-10.43	16.67	309
7025	16.98	-9.26	19.34	298	8025	16.61	-11.18	20.03	304	9025	13.10	-10.67	16.90	309
7050	16.92	-9.44	19.38	299	8050	16.40	-11.17	19.84	304	9050	13.52	-11.10	17.49	309
7075	16.99	-9.74	19.59	300	8075	16.06	-11.10	19.52	304	9075	13.89	-11.37	17.95	309
7100	16.95	-9.98	19.67	300	8100	15.91	-11.10	19.40	305	9100	14.01	-11.40	18.06	309
7125	17.10	-10.22	19.92	301	8125	15.75	-11.30	19.38	305	9125	14.00	-11.27	17.97	309
7150	17.32	-10.23	20.12	300	8150	15.44	-11.57	19.30	307	9150	14.17	-11.42	18.19	309
7175	17.49	-10.12	20.21	300	8175	15.21	-11.80	19.26	308	9175	14.52	-11.55	18.56	308
7200	17.49	-10.00	20.15	300	8200	15.16	-11.73	19.16	308	9200	14.78	-11.64	18.82	308
7225	17.45	-9.91	20.07	299	8225	15.21	-11.44	19.03	307	9225	14.88	-11.58	18.85	308
7250	17.63	-9.89	20.22	299	8250	15.30	-11.17	18.94	306	9250	14.72	-11.28	18.54	307

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2117 04/03/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9275	14.78	-11.00	18.42	306	10275	17.10	-11.41	20.56	304	11275	18.99	-20.87	28.22	318
9300	15.14	-10.92	18.67	306	10300	17.25	-11.55	20.75	304	11300	19.13	-21.12	28.50	318
9325	15.36	-10.99	18.89	305	10325	17.36	-11.73	20.95	304	11325	19.21	-21.02	28.47	317
9350	15.24	-11.14	18.88	306	10350	17.30	-12.10	21.11	305	11350	19.22	-20.76	28.30	317
9375	15.02	-11.46	18.89	307	10375	17.22	-12.51	21.28	306	11375	19.45	-20.63	28.35	317
9400	14.87	-11.46	18.77	307	10400	17.10	-13.16	21.58	307	11400	19.51	-20.49	28.29	316
9425	14.68	-11.35	18.55	308	10425	16.85	-13.79	21.77	309	11425	19.55	-20.42	28.27	316
9450	14.46	-11.55	18.50	308	10450	16.75	-13.94	21.79	310	11450	19.79	-20.26	28.32	316
9475	14.20	-11.71	18.41	309	10475	16.72	-14.08	21.86	310	11475	19.76	-20.11	28.19	315
9500	13.94	-11.74	18.22	310	10500	16.77	-14.17	21.95	310	11500	19.95	-19.77	28.08	315
9525	13.86	-11.86	18.24	310	10525	16.53	-14.75	22.15	312	11525	20.11	-19.90	28.30	315
9550	13.87	-11.90	18.28	310	10550	16.12	-15.73	22.52	314	11550	19.93	-19.94	28.20	315
9575	13.83	-11.87	18.22	310	10575	16.00	-16.28	22.83	315	11575	19.82	-19.89	28.08	315
9600	13.76	-12.04	18.28	311	10600	15.94	-16.76	23.13	316	11600	19.72	-20.06	28.13	315
9625	13.73	-12.15	18.34	311	10625	15.82	-16.74	23.04	316	11625	19.71	-20.06	28.12	315
9650	13.71	-11.98	18.20	311	10650	16.03	-16.64	23.10	316	11650	19.62	-19.65	27.77	315
9675	13.80	-11.88	18.21	311	10675	16.21	-16.79	23.34	316	11675	19.64	-18.91	27.26	314
9700	14.02	-11.78	18.31	310	10700	16.01	-17.09	23.42	317	11700	19.93	-18.61	27.27	313
9725	14.02	-11.68	18.25	310	10725	15.97	-17.20	23.47	317	11725	19.92	-18.37	27.09	313
9750	14.06	-11.76	18.33	310	10750	15.91	-17.05	23.32	317	11750	19.68	-18.02	26.68	312
9775	14.29	-11.80	18.53	309	10775	15.79	-17.17	23.33	317	11775	19.75	-17.65	26.49	312
9800	14.15	-11.78	18.41	310	10800	15.87	-17.42	23.57	317	11800	19.77	-17.12	26.16	311
9825	14.20	-11.75	18.43	309	10825	16.22	-17.55	23.89	317	11825	19.76	-16.74	25.90	310
9850	14.53	-11.67	18.64	309	10850	16.37	-17.70	24.11	317	11850	19.90	-16.82	26.05	310
9875	14.62	-11.54	18.63	308	10875	16.22	-17.91	24.16	318	11875	20.08	-16.92	26.26	310
9900	14.78	-11.52	18.74	308	10900	16.20	-18.29	24.43	318	11900	20.29	-16.80	26.34	309
9925	14.87	-11.44	18.76	307	10925	16.36	-18.58	24.76	318	11925	20.08	-16.38	25.91	309
9950	14.86	-11.45	18.76	307	10950	16.72	-18.97	25.29	318	11950	20.05	-15.99	25.65	308
9975	14.95	-11.64	18.95	308	10975	16.94	-19.30	25.68	319	11975	20.45	-16.15	26.06	308
10000	15.05	-11.58	18.99	307	11000	17.11	-19.61	26.03	319	12000	20.56	-16.43	26.32	308
10025	15.17	-11.35	18.94	307	11025	17.12	-19.84	26.20	319	12025	20.66	-15.99	26.13	308
10050	15.60	-11.14	19.17	305	11050	17.24	-19.58	26.09	318	12050	20.63	-15.85	26.01	307
10075	16.00	-11.06	19.45	304	11075	17.38	-19.57	26.17	318	12075	20.69	-16.05	26.18	308
10100	16.22	-11.05	19.62	304	11100	17.46	-20.43	26.87	319	12100	20.74	-15.94	26.16	307
10125	16.37	-11.06	19.75	304	11125	17.65	-20.83	27.31	320	12125	20.81	-15.80	26.13	307
10150	16.70	-11.19	20.11	304	11150	17.98	-21.07	27.70	319	12150	20.72	-15.92	26.12	307
10175	17.03	-11.16	20.36	303	11175	18.13	-21.27	27.95	319	12175	20.62	-15.85	26.01	307
10200	17.45	-11.30	20.79	303	11200	18.48	-21.19	28.12	319	12200	20.67	-15.39	25.77	306
10225	17.60	-11.40	20.97	303	11225	18.63	-21.17	28.20	318	12225	20.64	-15.12	25.59	306
10250	17.24	-11.27	20.59	303	11250	18.67	-21.00	28.10	318	12250	21.06	-14.48	25.56	304

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-73 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2117 04/03/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12275	21.72	-13.73	25.69	302	13275	28.73	-20.30	35.18	305	14275	27.50	-7.94	28.62	286
12300	22.38	-13.63	26.21	301	13300	28.92	-20.36	35.37	305	14300	27.44	-7.43	28.42	285
12325	23.26	-13.39	26.83	300	13325	29.18	-20.40	35.60	305	14325	27.27	-6.77	28.10	284
12350	23.84	-13.36	27.48	299	13350	29.51	-20.12	35.72	304	14350	27.20	-6.40	27.94	283
12375	23.57	-12.20	26.54	297	13375	29.79	-19.89	35.82	304	14375	27.46	-5.79	28.06	282
12400	24.12	-13.44	27.61	299	13400	30.12	-19.65	35.97	303	14400	28.20	-5.47	28.72	281
12425	25.50	-13.99	29.09	299	13425	30.25	-19.37	35.92	302	14425	29.06	-5.72	29.61	281
12450	26.77	-13.37	29.92	296	13450	30.46	-19.08	35.95	302	14450	29.77	-5.71	30.31	281
12475	27.00	-12.94	29.94	295	13475	31.00	-18.74	36.22	301	14475	30.34	-5.54	30.84	280
12500	26.77	-12.98	29.75	296	13500	31.16	-18.29	36.13	300	14500	30.63	-5.32	31.09	280
12525	26.56	-13.37	29.74	297	13525	31.47	-17.40	35.96	299	14525	31.12	-5.21	31.55	279
12550	26.61	-13.88	30.01	297	13550	31.67	-16.26	35.60	297	14550	31.20	-5.89	31.75	281
12575	26.73	-14.77	30.54	299	13575	31.23	-14.57	34.46	295	14575	31.26	-6.95	32.02	282
12600	27.06	-15.32	31.09	299	13600	30.42	-13.04	33.10	293	14600	31.29	-7.81	32.25	284
12625	27.33	-15.89	31.61	300	13625	29.62	-12.57	32.17	293	14625	31.56	-8.10	32.59	284
12650	27.35	-16.38	31.89	301	13650	28.97	-12.35	31.49	293	14650	32.18	-8.05	33.17	284
12675	27.37	-16.85	32.15	301	13675	28.51	-12.22	31.01	293	14675	32.45	-8.36	33.51	284
12700	27.63	-17.10	32.49	302	13700	28.14	-12.01	30.60	293	14700	32.69	-8.98	33.91	285
12725	27.90	-17.55	32.96	302	13725	27.67	-11.74	30.06	293	14725	32.91	-9.28	34.20	286
12750	27.82	-18.43	33.37	303	13750	27.08	-10.94	29.20	292	14750	33.34	-9.66	34.71	286
12775	27.98	-18.45	33.52	303	13775	26.89	-10.42	28.84	291	14775	33.89	-9.87	35.30	286
12800	28.21	-18.24	33.59	303	13800	26.42	-10.58	28.46	292	14800	34.58	-10.08	36.02	286
12825	28.22	-18.60	33.80	303	13825	26.23	-10.57	28.28	292	14825	34.77	-10.21	36.24	286
12850	28.13	-19.10	34.00	304	13850	26.10	-10.33	28.07	291	14850	35.68	-10.20	37.11	286
12875	28.06	-19.31	34.06	304	13875	25.71	-10.54	27.79	292	14875	36.26	-10.56	37.77	286
12900	28.07	-19.44	34.15	305	13900	25.52	-10.48	27.59	292	14900	36.06	-10.97	37.69	287
12925	27.99	-19.32	34.01	304	13925	25.28	-9.60	27.04	291	14925	36.06	-11.51	37.85	288
12950	27.66	-19.05	33.58	304	13950	25.13	-9.00	26.70	290	14950	36.18	-12.00	38.11	288
12975	27.34	-19.02	33.30	305	13975	25.35	-8.42	26.71	288	14975	36.40	-11.98	38.32	288
13000	27.47	-19.11	33.47	305	14000	25.78	-7.96	26.99	287	15000	36.51	-12.30	38.52	288
13025	27.52	-19.22	33.56	305	14025	26.29	-7.53	27.35	286	15025	36.75	-12.57	38.84	289
13050	27.13	-19.52	33.42	306	14050	26.70	-7.40	27.71	285	15050	37.11	-12.64	39.20	289
13075	27.00	-19.84	33.51	306	14075	27.08	-7.42	28.08	285	15075	37.23	-13.16	39.49	289
13100	27.10	-19.96	33.66	306	14100	27.09	-7.39	28.08	285	15100	36.71	-13.44	39.09	290
13125	27.06	-20.35	33.86	307	14125	26.96	-7.36	27.94	285	15125	35.55	-13.80	38.14	291
13150	27.33	-20.70	34.29	307	14150	26.82	-7.48	27.84	285	15150	34.71	-13.96	37.41	292
13175	27.56	-20.62	34.42	307	14175	26.72	-7.51	27.76	286	15175	33.93	-13.51	36.52	292
13200	27.74	-20.41	34.44	306	14200	26.59	-7.84	27.72	286	15200	33.09	-12.93	35.53	291
13225	28.19	-20.20	34.68	305	14225	26.69	-8.14	27.90	287	15225	32.42	-12.34	34.69	291
13250	28.44	-20.20	34.89	305	14250	27.30	-8.03	28.46	286	15250	31.99	-11.95	34.15	290

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2117 04/03/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15275	30.91	-11.48	32.97	290	16275	28.98	0.12	28.98	270	17275	14.45	-1.82	14.56	277
15300	29.93	-10.91	31.86	290	16300	30.12	0.77	30.13	268	17300	14.45	-1.43	14.52	275
15325	29.15	-10.11	30.85	289	16325	31.00	1.22	31.02	268	17325	14.59	-0.75	14.61	273
15350	28.66	-10.27	30.45	290	16350	31.75	1.04	31.77	268	17350	14.77	-0.11	14.78	270
15375	28.53	-10.40	30.37	290	16375	33.21	-0.44	33.21	271	17375	14.82	1.24	14.87	265
15400	28.35	-10.34	30.18	290	16400	33.26	-1.69	33.30	273	17400	15.09	3.40	15.46	257
15425	28.14	-10.39	30.00	290	16425	32.97	-1.85	33.02	273	17425	15.05	4.54	15.72	253
15450	28.06	-10.59	29.99	291	16450	32.33	-1.56	32.36	273	17450	15.09	5.52	16.07	250
15475	27.81	-10.94	29.88	291	16475	31.98	-1.27	32.00	272	17475	15.57	6.63	16.93	247
15500	27.49	-11.30	29.72	292	16500	31.70	-1.37	31.73	272	17500	16.15	6.30	17.34	249
15525	27.06	-11.40	29.36	293	16525	30.62	-2.14	30.70	274	17525	16.73	5.34	17.56	252
15550	26.69	-11.33	28.99	293	16550	29.80	-2.64	29.91	275	17550	17.45	5.02	18.15	254
15575	25.93	-11.57	28.40	294	16575	28.64	-3.34	28.83	276	17575	18.06	4.55	18.62	256
15600	25.24	-11.66	27.80	295	16600	27.61	-4.13	27.92	278	17600	18.20	3.70	18.57	258
15625	24.23	-10.96	26.59	294	16625	26.73	-4.88	27.17	280	17625	18.51	2.87	18.73	261
15650	24.04	-9.89	25.99	292	16650	25.99	-5.20	26.50	281					
15675	23.52	-9.47	25.35	292	16675	25.19	-5.47	25.77	282					
15700	22.97	-9.29	24.78	292	16700	24.15	-6.21	24.94	284					
15725	22.60	-8.20	24.04	290	16725	23.49	-7.00	24.51	286					
15750	22.31	-7.92	23.68	289	16750	23.29	-7.11	24.35	287					
15775	22.01	-7.52	23.26	289	16775	23.99	-7.00	24.99	286					
15800	21.75	-7.03	22.85	288	16800	24.46	-7.29	25.52	286					
15825	21.71	-6.98	22.80	288	16825	24.07	-7.68	25.26	288					
15850	21.64	-6.49	22.59	287	16850	23.50	-8.24	24.91	289					
15875	21.41	-5.81	22.19	285	16875	22.70	-9.06	24.44	292					
15900	21.63	-5.07	22.22	283	16900	21.44	-9.88	23.61	295					
15925	21.79	-4.34	22.22	281	16925	20.66	-10.31	23.09	296					
15950	22.07	-3.73	22.38	279	16950	19.58	-10.56	22.24	298					
15975	21.26	-3.13	21.49	278	16975	18.55	-10.10	21.12	298					
16000	22.43	-2.79	22.61	277	17000	17.72	-9.73	20.22	299					
16025	24.71	-2.53	24.84	276	17025	16.92	-9.21	19.26	298					
16050	23.92	-1.95	24.00	274	17050	16.11	-8.29	18.12	297					
16075	24.22	-1.55	24.27	273	17075	15.62	-7.51	17.33	296					
16100	24.58	-1.35	24.62	273	17100	15.32	-6.92	16.81	294					
16125	25.26	-1.43	25.30	273	17125	15.35	-6.30	16.59	292					
16150	25.89	-1.47	25.93	273	17150	14.86	-5.52	15.85	290					
16175	26.76	-1.35	26.79	273	17175	14.60	-4.73	15.35	288					
16200	27.35	-1.14	27.37	272	17200	14.75	-3.95	15.26	285					
16225	27.65	-0.83	27.67	272	17225	14.62	-3.35	15.00	283					
16250	28.21	-0.33	28.22	270	17250	14.42	-2.54	14.64	280					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-74

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2267 04/03/65, 1307Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
925	-2.89	-2.71	3.96	47	1925	0.25	-4.83	4.84	357	2925	4.32	-10.40	11.26	337
950	-2.64	-3.41	4.31	38	1950	0.45	-4.56	4.58	354	2950	3.97	-9.95	10.71	338
975	-2.54	-4.03	4.76	32	1975	0.78	-4.48	4.55	350	2975	4.01	-9.59	10.39	337
1000	-2.50	-4.31	4.99	30	2000	0.97	-4.47	4.57	348	3000	4.05	-9.26	10.11	336
1025	-2.49	-4.51	5.15	29	2025	1.32	-4.54	4.73	344	3025	3.97	-8.90	9.75	336
1050	-2.38	-4.84	5.39	26	2050	1.55	-4.96	5.20	342	3050	3.90	-8.79	9.61	336
1075	-2.30	-5.23	5.71	24	2075	1.37	-5.13	5.31	345	3075	3.54	-8.73	9.42	338
1100	-2.18	-5.39	5.82	22	2100	1.28	-5.10	5.26	346	3100	3.26	-8.56	9.16	339
1125	-1.86	-5.40	5.71	19	2125	1.31	-5.17	5.33	346	3125	3.26	-8.51	9.11	339
1150	-1.56	-5.37	5.59	16	2150	1.31	-5.28	5.44	346	3150	3.13	-8.62	9.17	340
1175	-1.37	-5.25	5.43	14	2175	1.34	-5.49	5.65	346	3175	2.96	-8.54	9.04	341
1200	-1.37	-5.21	5.38	14	2200	1.19	-5.57	5.70	348	3200	2.87	-8.43	8.91	341
1225	-1.51	-5.04	5.26	16	2225	1.05	-5.76	5.85	350	3225	2.77	-8.55	8.99	342
1250	-1.35	-4.77	4.95	16	2250	1.04	-6.01	6.09	350	3250	2.91	-8.66	9.14	341
1275	-0.86	-4.68	4.76	10	2275	1.11	-6.24	6.34	350	3275	3.23	-8.83	9.41	340
1300	-0.30	-4.77	4.78	3	2300	1.26	-6.44	6.57	349	3300	3.32	-8.92	9.52	339
1325	0.29	-5.20	5.21	357	2325	1.47	-6.65	6.81	347	3325	3.29	-8.77	9.36	339
1350	0.53	-5.62	5.64	354	2350	1.62	-6.82	7.01	346	3350	3.28	-8.45	9.06	339
1375	0.74	-6.01	6.06	353	2375	1.64	-6.75	6.95	346	3375	3.16	-8.19	8.77	339
1400	0.91	-5.98	6.05	351	2400	1.75	-6.82	7.04	345	3400	3.20	-8.15	8.76	338
1425	1.12	-5.49	5.61	348	2425	1.94	-6.92	7.19	344	3425	3.46	-8.38	9.07	337
1450	1.23	-4.99	5.14	346	2450	2.25	-6.89	7.25	342	3450	3.66	-8.65	9.40	337
1475	0.98	-4.64	4.75	348	2475	2.61	-6.98	7.45	339	3475	3.70	-8.61	9.37	337
1500	0.94	-4.51	4.61	348	2500	2.69	-6.99	7.49	339	3500	3.82	-8.53	9.35	336
1525	1.04	-4.52	4.64	347	2525	2.81	-7.18	7.71	338	3525	4.06	-8.69	9.59	335
1550	1.03	-4.30	4.43	346	2550	3.08	-7.52	8.13	338	3550	4.25	-8.75	9.73	334
1575	1.09	-4.07	4.21	345	2575	3.39	-7.88	8.58	337	3575	4.43	-8.48	9.57	332
1600	1.14	-3.99	4.15	344	2600	3.57	-8.35	9.08	337	3600	4.61	-8.26	9.46	331
1625	1.13	-3.72	3.89	343	2625	3.70	-8.97	9.70	337	3625	4.55	-8.02	9.22	330
1650	1.06	-3.61	3.76	344	2650	4.03	-10.20	10.96	338	3650	4.38	-7.55	8.73	330
1675	0.87	-3.54	3.65	346	2675	4.35	-11.04	11.86	338	3675	4.26	-7.04	8.23	329
1700	0.85	-3.27	3.38	345	2700	4.51	-11.15	12.03	338	3700	3.91	-6.89	7.92	330
1725	0.80	-3.04	3.15	345	2725	4.58	-11.03	11.94	337	3725	3.47	-6.79	7.63	333
1750	0.60	-2.76	2.83	348	2750	4.78	-11.03	12.02	336	3750	3.45	-6.78	7.61	333
1775	0.50	-2.88	2.94	348	2775	4.88	-11.12	12.14	336	3775	3.31	-6.88	7.63	334
1800	0.40	-3.32	3.35	353	2800	4.79	-11.28	12.25	337	3800	2.93	-6.80	7.41	337
1825	0.23	-3.57	3.58	356	2825	4.83	-11.29	12.27	337	3825	2.96	-6.72	7.35	336
1850	0.33	-3.78	3.80	355	2850	5.01	-11.23	12.30	336	3850	3.16	-6.84	7.53	335
1875	0.35	-3.95	3.96	355	2875	4.95	-11.05	12.11	336	3875	3.15	-6.81	7.51	335
1900	0.30	-4.44	4.45	356	2900	4.70	-10.75	11.73	336	3900	3.18	-6.61	7.34	334

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2267 04/03/65, 1307Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3925	3.36	-6.62	7.43	333	4925	6.56	-4.56	7.99	305	5925	10.39	-11.27	15.33	317
3950	3.53	-6.66	7.54	332	4950	6.52	-4.43	7.89	304	5950	10.73	-11.22	15.52	316
3975	3.88	-6.55	7.62	329	4975	6.51	-4.34	7.82	303	5975	10.98	-11.26	15.73	316
4000	4.44	-6.54	7.90	326	5000	6.48	-4.22	7.73	303	6000	11.06	-11.28	15.80	315
4025	4.65	-6.52	8.01	324	5025	6.57	-4.15	7.77	302	6025	11.14	-11.58	16.07	316
4050	4.62	-6.40	7.89	324	5050	6.55	-4.01	7.68	301	6050	11.34	-11.68	16.28	316
4075	4.53	-6.35	7.80	324	5075	6.39	-3.82	7.45	301	6075	11.93	-11.85	16.81	315
4100	4.41	-6.35	7.73	325	5100	6.47	-3.96	7.58	301	6100	12.42	-12.22	17.43	314
4125	4.39	-6.41	7.77	325	5125	6.63	-4.04	7.76	301	6125	12.38	-12.26	17.42	315
4150	4.56	-6.52	7.96	325	5150	6.67	-3.99	7.77	301	6150	12.12	-12.10	17.13	315
4175	4.82	-6.54	8.13	323	5175	6.68	-3.86	7.71	300	6175	12.06	-12.10	17.08	315
4200	4.93	-6.50	8.16	323	5200	6.69	-3.85	7.72	300	6200	12.17	-11.98	17.08	314
4225	4.99	-6.46	8.16	322	5225	6.72	-4.06	7.86	301	6225	12.31	-11.96	17.16	314
4250	4.97	-6.58	8.25	323	5250	6.76	-4.43	8.09	303	6250	12.52	-12.22	17.50	314
4275	4.76	-6.61	8.15	324	5275	6.77	-5.02	8.42	306	6275	12.61	-12.40	17.69	314
4300	4.56	-6.58	8.00	325	5300	6.60	-5.53	8.61	310	6300	12.60	-12.48	17.74	315
4325	4.68	-6.57	8.06	324	5325	6.39	-6.06	8.81	313	6325	12.57	-12.39	17.65	314
4350	4.82	-6.59	8.17	324	5350	6.23	-6.67	9.13	317	6350	12.63	-12.19	17.56	314
4375	4.84	-6.62	8.20	324	5375	5.82	-7.04	9.13	320	6375	12.69	-12.24	17.63	314
4400	5.01	-6.47	8.19	322	5400	5.41	-7.44	9.20	324	6400	12.56	-12.45	17.69	315
4425	5.28	-6.45	8.34	321	5425	5.17	-8.19	9.68	328	6425	12.42	-12.66	17.73	315
4450	5.37	-6.35	8.32	320	5450	5.16	-8.72	10.13	329	6450	12.42	-12.78	17.82	316
4475	5.42	-6.21	8.24	319	5475	5.48	-8.88	10.43	328	6475	12.48	-12.80	17.88	316
4500	5.52	-6.06	8.19	317	5500	5.78	-9.18	10.84	328	6500	12.53	-12.81	17.92	315
4525	5.38	-5.95	8.02	318	5525	5.75	-9.61	11.20	329	6525	12.65	-12.57	17.83	315
4550	5.24	-5.77	7.79	318	5550	5.72	-9.82	11.36	330	6550	12.91	-12.28	17.82	313
4575	5.08	-5.42	7.43	317	5575	5.66	-10.03	11.51	330	6575	13.15	-12.17	17.91	313
4600	4.94	-5.15	7.14	316	5600	5.53	-10.23	11.63	331	6600	13.40	-12.05	18.02	312
4625	5.01	-5.09	7.14	315	5625	5.16	-10.04	11.29	333	6625	13.75	-11.92	18.20	311
4650	5.02	-5.13	7.17	315	5650	5.06	-10.16	11.35	333	6650	13.93	-11.64	18.16	310
4675	5.03	-5.13	7.19	315	5675	5.35	-10.75	12.01	333	6675	13.87	-11.41	17.96	309
4700	5.37	-5.12	7.41	313	5700	5.77	-10.97	12.39	332	6700	13.90	-11.42	17.99	309
4725	5.72	-5.12	7.68	312	5725	6.33	-10.86	12.57	330	6725	13.89	-11.37	17.95	309
4750	5.86	-5.10	7.77	311	5750	6.96	-10.87	12.91	327	6750	13.84	-11.23	17.82	309
4775	6.08	-4.97	7.85	309	5775	7.50	-10.96	13.28	325	6775	14.16	-11.41	18.18	309
4800	6.34	-4.78	7.94	307	5800	7.90	-10.84	13.42	324	6800	14.73	-11.74	18.84	308
4825	6.41	-4.80	8.01	307	5825	8.45	-10.69	13.63	322	6825	14.95	-12.03	19.19	309
4850	6.45	-4.97	8.14	307	5850	9.21	-10.79	14.19	319	6850	15.11	-12.45	19.58	309
4875	6.58	-4.97	8.25	307	5875	9.90	-11.18	14.94	318	6875	15.16	-12.83	19.86	310
4900	6.62	-4.76	8.16	306	5900	10.20	-11.48	15.36	318	6900	15.04	-13.29	20.07	311

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-74 (cont'd)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2267 04/03/65, 1307Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6925	14.92	-13.63	20.20	312	7925	16.73	-17.21	24.00	316	8925	17.45	-22.68	28.62	322
6950	14.89	-13.71	20.24	312	7950	16.83	-17.20	24.06	315	8950	17.28	-22.71	28.53	323
6975	14.98	-13.76	20.35	312	7975	16.79	-17.31	24.12	316	8975	17.22	-22.82	28.59	323
7000	15.04	-13.96	20.52	313	8000	16.72	-17.61	24.29	316	9000	17.19	-22.88	28.62	323
7025	15.16	-14.27	20.82	313	8025	16.85	-17.97	24.63	317	9025	17.32	-22.77	28.61	323
7050	15.30	-14.51	21.09	313	8050	16.80	-18.15	24.73	317	9050	17.67	-22.56	28.66	322
7075	15.35	-14.67	21.23	314	8075	16.74	-18.55	24.98	318	9075	17.89	-22.67	28.88	322
7100	15.61	-14.95	21.61	314	8100	16.70	-18.91	25.23	318	9100	17.97	-22.63	28.89	321
7125	15.92	-14.89	21.80	313	8125	16.76	-18.93	25.28	318	9125	17.99	-22.41	28.74	321
7150	16.29	-14.67	21.92	312	8150	16.91	-19.03	25.46	318	9150	18.03	-22.49	28.83	321
7175	16.65	-14.62	22.16	311	8175	16.73	-19.18	25.45	319	9175	18.26	-22.36	28.87	321
7200	16.67	-14.48	22.08	311	8200	16.68	-19.17	25.41	319	9200	18.39	-22.30	28.91	320
7225	16.67	-14.35	21.99	311	8225	16.79	-19.32	25.60	319	9225	18.31	-22.33	28.87	320
7250	16.66	-14.41	22.02	311	8250	16.86	-19.52	25.80	319	9250	18.36	-22.29	28.88	320
7275	16.48	-14.66	22.05	311	8275	16.87	-19.90	26.09	320	9275	18.73	-22.07	28.95	320
7300	16.35	-14.85	22.09	312	8300	16.67	-20.48	26.40	321	9300	18.99	-21.88	28.96	319
7325	16.42	-14.77	22.09	312	8325	16.28	-20.95	26.53	322	9325	18.93	-22.05	29.06	319
7350	16.64	-14.53	22.09	311	8350	16.02	-21.51	26.82	323	9350	18.86	-22.13	29.08	319
7375	16.75	-14.35	22.05	310	8375	16.04	-22.09	27.30	324	9375	19.01	-22.04	29.11	319
7400	16.83	-14.19	22.01	310	8400	16.19	-22.54	27.75	324	9400	19.15	-22.10	29.24	319
7425	16.88	-14.17	22.04	310	8425	16.31	-22.73	27.97	324	9425	19.28	-22.26	29.45	319
7450	17.03	-14.33	22.26	310	8450	16.53	-22.94	28.28	324	9450	19.54	-22.82	30.05	319
7475	17.39	-14.45	22.61	310	8475	16.96	-23.17	28.72	324	9475	19.35	-23.39	30.36	320
7500	17.68	-14.52	22.88	309	8500	17.29	-23.15	28.90	323	9500	19.37	-23.75	30.65	321
7525	17.79	-14.63	23.03	309	8525	17.42	-22.99	28.85	323	9525	19.54	-24.12	31.04	321
7550	17.80	-14.53	22.98	309	8550	17.59	-22.84	28.82	322	9550	19.25	-24.56	31.21	322
7575	17.77	-14.54	22.96	309	8575	17.89	-22.71	28.91	322	9575	19.31	-24.70	31.36	322
7600	17.60	-14.55	22.83	309	8600	18.26	-22.54	29.01	321	9600	19.09	-25.08	31.52	323
7625	17.53	-14.63	22.83	310	8625	18.46	-22.27	28.92	320	9625	19.12	-25.25	31.67	323
7650	17.54	-15.28	23.26	311	8650	18.43	-22.07	28.75	320	9650	18.98	-25.37	31.69	323
7675	17.33	-16.19	23.71	313	8675	18.44	-21.90	28.63	320	9675	18.59	-25.89	31.87	324
7700	17.19	-16.67	23.95	314	8700	18.54	-21.72	28.56	319	9700	18.60	-26.03	31.99	324
7725	17.12	-16.75	23.95	314	8725	18.54	-21.95	28.73	320	9725	18.27	-26.10	31.86	325
7750	17.03	-16.75	23.89	314	8750	18.25	-22.44	28.93	321	9750	17.86	-26.30	31.79	326
7775	16.93	-16.82	23.86	315	8775	18.05	-22.55	28.88	321	9775	17.65	-26.46	31.81	326
7800	16.79	-16.90	23.82	315	8800	17.97	-22.29	28.63	321	9800	17.26	-26.62	31.73	327
7825	16.73	-17.02	23.87	315	8825	17.87	-22.29	28.57	321	9825	17.09	-26.98	31.94	327
7850	16.64	-17.04	23.82	316	8850	17.89	-22.42	28.68	321	9850	17.40	-27.21	32.30	327
7875	16.60	-17.06	23.80	316	8875	17.79	-22.41	28.61	321	9875	17.67	-27.14	32.38	327
7900	16.64	-17.23	23.95	316	8900	17.59	-22.52	28.57	322	9900	17.75	-26.88	32.21	326

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2267 04/03/65, 1307Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9925	17.72	-26.77	32.10	326	10925	22.48	-29.08	36.75	322	11925	26.95	-30.08	40.38	318
9950	17.75	-26.65	32.02	326	10950	22.78	-28.79	36.71	321	11950	26.42	-30.47	40.32	319
9975	17.69	-26.49	31.86	326	10975	22.87	-28.59	36.61	321	11975	26.20	-30.60	40.28	319
10000	17.44	-26.84	32.01	327	11000	23.07	-28.90	36.98	321	12000	26.06	-30.56	40.16	319
10025	17.41	-27.37	32.44	327	11025	23.74	-29.04	37.51	321	12025	26.02	-30.59	40.16	319
10050	17.56	-27.83	32.90	328	11050	23.99	-29.05	37.68	320	12050	26.22	-30.58	40.28	319
10075	17.37	-28.24	33.16	328	11075	23.79	-29.51	37.90	321	12075	26.40	-30.65	40.45	319
10100	17.14	-28.25	33.04	329	11100	23.74	-30.03	38.28	322	12100	26.44	-30.93	40.69	319
10125	16.95	-28.27	32.96	329	11125	24.02	-30.43	38.76	322	12125	26.30	-31.27	40.86	320
10150	16.77	-28.37	32.96	329	11150	24.13	-30.98	39.27	322	12150	26.37	-31.09	40.76	320
10175	16.72	-28.51	33.05	329	11175	24.18	-31.55	39.75	322	12175	26.05	-30.44	40.07	319
10200	16.69	-28.81	33.29	330	11200	24.10	-31.69	39.82	323	12200	25.24	-29.95	39.16	320
10225	16.46	-28.98	33.33	330	11225	24.36	-31.32	39.68	322	12225	24.81	-29.87	38.82	320
10250	16.17	-29.24	33.42	331	11250	24.61	-30.82	39.44	321	12250	24.60	-29.40	38.33	320
10275	16.29	-29.66	33.84	331	11275	24.43	-30.58	39.14	321	12275	24.48	-28.84	37.82	319
10300	16.77	-29.90	34.28	331	11300	24.55	-30.36	39.05	321	12300	24.00	-28.45	37.22	320
10325	17.15	-30.06	34.61	330	11325	24.58	-30.18	38.92	321	12325	24.02	-27.78	36.73	319
10350	17.72	-30.41	35.20	330	11350	24.67	-30.14	38.95	321	12350	24.33	-27.52	36.73	318
10375	18.02	-30.81	35.69	330	11375	25.13	-30.00	39.14	320	12375	24.27	-27.67	36.81	319
10400	18.11	-31.03	35.93	330	11400	25.65	-29.68	39.23	319	12400	24.34	-27.35	36.61	318
10425	18.33	-31.14	36.14	329	11425	25.60	-29.88	39.35	319	12425	24.11	-26.91	36.13	318
10450	18.36	-31.27	36.26	329	11450	25.60	-30.27	39.64	320	12450	24.11	-26.66	35.95	318
10475	18.40	-31.52	36.50	330	11475	25.84	-30.10	39.67	319	12475	23.94	-26.48	35.70	318
10500	18.64	-31.58	36.67	329	11500	25.82	-30.13	39.68	319	12500	23.27	-26.33	35.14	318
10525	18.99	-31.37	36.67	329	11525	26.14	-30.39	40.08	319	12525	23.55	-25.77	34.90	317
10550	19.44	-31.56	37.07	328	11550	26.49	-30.32	40.26	319	12550	23.97	-25.20	34.78	316
10575	19.87	-31.67	37.39	328	11575	26.76	-30.34	40.45	318	12575	23.69	-25.02	34.46	316
10600	20.30	-31.65	37.60	327	11600	27.22	-30.16	40.63	318	12600	23.44	-24.56	33.95	316
10625	20.47	-31.86	37.87	327	11625	27.45	-29.80	40.51	317	12625	23.41	-23.84	33.41	315
10650	20.92	-31.64	37.93	326	11650	27.70	-29.67	40.59	317	12650	23.35	-23.49	33.12	315
10675	21.25	-31.56	38.05	326	11675	27.91	-29.58	40.67	316	12675	23.22	-23.57	33.09	315
10700	21.17	-31.53	37.98	326	11700	27.47	-29.78	40.51	317	12700	23.78	-23.12	33.17	314
10725	21.45	-30.99	37.69	325	11725	27.28	-29.78	40.39	317	12725	23.95	-22.69	32.99	313
10750	21.57	-30.77	37.58	325	11750	27.22	-29.66	40.26	317	12750	23.64	-21.81	32.16	313
10775	21.74	-30.42	37.39	324	11775	26.98	-29.89	40.26	318	12775	23.73	-20.91	31.63	311
10800	22.01	-29.97	37.18	324	11800	26.92	-30.05	40.34	318	12800	23.94	-20.21	31.33	310
10825	22.12	-29.79	37.10	323	11825	27.23	-29.99	40.51	318	12825	24.27	-19.53	31.16	309
10850	22.05	-29.81	37.08	323	11850	27.09	-30.15	40.54	318	12850	24.30	-19.63	31.24	309
10875	22.19	-29.52	36.92	323	11875	26.82	-30.25	40.43	318	12875	24.16	-20.24	31.52	310
10900	22.44	-29.18	36.81	322	11900	26.93	-30.21	40.47	318	12900	24.81	-20.40	32.12	309

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE 11-74 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2267 04/03/65, 1307Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12925	25.95	-20.21	32.89	308	13925	28.53	-18.55	34.03	303	14925	39.69	-10.32	41.01	284
12950	27.11	-20.09	33.75	306	13950	28.05	-18.84	33.80	304	14950	39.78	-10.63	41.17	285
12975	28.09	-19.89	34.42	305	13975	28.49	-18.30	33.87	303	14975	39.70	-11.10	41.22	285
13000	29.02	-19.41	34.92	304	14000	29.09	-17.56	33.98	301	15000	39.70	-11.97	41.46	287
13025	29.79	-19.33	35.52	303	14025	28.67	-17.25	33.46	301	15025	39.69	-12.36	41.57	287
13050	30.50	-19.26	36.07	302	14050	28.70	-16.30	33.01	299	15050	40.11	-12.76	42.09	287
13075	31.34	-19.05	36.68	301	14075	29.22	-15.58	33.12	298	15075	40.00	-13.54	42.22	289
13100	32.31	-18.71	37.34	300	14100	29.22	-14.98	32.84	297	15100	38.39	-14.78	41.13	291
13125	32.59	-18.82	37.63	300	14125	29.01	-14.63	32.49	297	15125	37.65	-15.36	40.66	292
13150	32.54	-19.21	37.79	300	14150	29.54	-13.84	32.62	295	15150	37.50	-15.56	40.60	292
13175	32.04	-19.98	37.76	302	14175	30.23	-13.30	33.02	294	15175	36.10	-16.55	39.72	294
13200	31.54	-20.57	37.66	303	14200	30.91	-12.98	33.53	293	15200	35.30	-17.68	39.48	296
13225	31.73	-21.21	38.16	304	14225	30.88	-12.86	33.45	292	15225	34.60	-18.51	39.24	298
13250	32.20	-21.73	38.85	304	14250	31.25	-12.38	33.62	291	15250	33.91	-19.59	39.16	300
13275	32.33	-21.68	38.93	304	14275	31.82	-11.94	33.98	290	15275	33.20	-20.21	38.86	301
13300	31.67	-21.84	38.47	304	14300	32.25	-11.59	34.27	290	15300	32.40	-20.02	38.08	302
13325	31.75	-22.58	38.96	305	14325	32.59	-11.45	34.55	289	15325	31.85	-19.99	37.61	302
13350	32.05	-22.99	39.44	305	14350	33.21	-11.34	35.10	289	15350	30.80	-20.92	37.23	304
13375	32.17	-23.69	39.96	306	14375	33.28	-11.44	35.19	289	15375	30.21	-21.40	37.02	305
13400	32.95	-23.91	40.71	306	14400	33.15	-11.96	35.24	290	15400	29.42	-21.82	36.63	306
13425	33.53	-23.21	40.78	305	14425	33.50	-12.12	35.62	290	15425	28.69	-22.34	36.36	308
13450	33.33	-22.84	40.40	304	14450	33.62	-11.98	35.69	289	15450	28.54	-22.43	36.30	308
13475	32.97	-23.14	40.28	305	14475	33.99	-11.61	35.92	289	15475	28.11	-22.72	36.15	309
13500	32.22	-23.14	39.67	306	14500	34.33	-11.28	36.14	288	15500	27.27	-23.14	35.77	310
13525	31.29	-22.99	38.83	306	14525	34.64	-11.04	36.35	287	15525	26.51	-23.24	35.25	311
13550	30.84	-22.82	38.36	306	14550	35.15	-11.02	36.84	287	15550	26.57	-22.99	35.14	311
13575	30.29	-22.18	37.55	306	14575	35.69	-10.78	37.28	287	15575	25.74	-22.78	34.38	311
13600	29.86	-21.37	36.72	305	14600	35.96	-10.36	37.42	286	15600	25.07	-22.43	33.64	312
13625	29.66	-20.41	36.01	304	14625	35.88	-10.15	37.28	286	15625	24.57	-22.07	33.02	312
13650	29.52	-19.42	35.34	303	14650	36.42	-10.18	37.82	285	15650	24.54	-21.70	32.76	311
13675	29.55	-19.12	35.19	303	14675	37.54	-9.87	38.82	285	15675	23.82	-20.80	31.62	311
13700	30.13	-19.06	35.65	302	14700	38.08	-9.93	39.36	284	15700	23.08	-20.86	31.11	312
13725	30.61	-19.08	36.06	302	14725	38.38	-10.01	39.66	284	15725	23.01	-20.02	30.49	311
13750	30.21	-19.29	35.84	302	14750	39.05	-9.74	40.24	284	15750	22.96	-18.74	29.65	309
13775	29.82	-19.60	35.77	304	14775	39.19	-9.61	40.35	284	15775	22.29	-17.94	28.61	309
13800	28.89	-19.40	34.79	304	14800	39.22	-9.01	40.24	283	15800	22.49	-16.49	27.89	306
13825	28.56	-18.80	34.19	303	14825	39.43	-8.75	40.39	282	15825	22.71	-16.29	27.95	305
13850	28.11	-17.90	33.33	302	14850	39.66	-9.29	40.73	283	15850	22.12	-15.98	27.29	306
13875	28.02	-17.80	33.20	302	14875	39.58	-9.71	40.75	284	15875	22.91	-14.80	27.28	303
13900	28.28	-18.31	33.69	303	14900	39.56	-9.81	40.76	284	15900	23.40	-14.53	27.54	302

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2267 04/03/65, 1307Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15925	23.07	-13.80	26.88	301	16925	23.81	-6.59	24.71	285					
15950	22.72	-12.86	26.11	299	16950	23.84	-6.77	24.78	286					
15975	22.24	-12.93	25.73	300	16975	23.58	-7.00	24.60	286					
16000	22.40	-13.30	26.05	301	17000	23.06	-7.94	24.39	289					
16025	22.18	-13.04	25.73	300	17025	22.55	-8.51	24.10	290					
16050	21.15	-12.63	24.63	301	17050	21.21	-9.25	23.14	293					
16075	21.09	-12.62	24.58	301	17075	20.10	-9.77	22.35	296					
16100	20.79	-12.44	24.23	301	17100	19.59	-9.94	21.97	297					
16125	20.49	-12.28	23.88	301	17125	19.22	-10.28	21.80	298					
16150	19.84	-11.72	23.04	300	17150	18.32	-10.80	21.26	300					
16175	19.27	-11.03	22.20	300	17175	17.74	-11.78	21.30	303					
16200	19.04	-10.31	21.65	298	17200	17.12	-12.45	21.17	306					
16225	18.75	-9.46	21.00	297	17225	16.80	-12.38	20.87	306					
16250	18.87	-8.92	20.88	295	17250	16.66	-12.48	20.82	307					
16275	19.08	-8.34	20.82	293	17275	16.17	-12.69	20.56	308					
16300	19.87	-7.96	21.41	292	17300	16.20	-13.06	20.81	309					
16325	20.33	-7.71	21.74	291	17325	16.80	-12.78	21.11	307					
16350	19.99	-7.74	21.44	291	17350	16.56	-12.60	20.81	307					
16375	20.45	-7.83	21.90	291	17375	15.80	-12.79	20.33	309					
16400	20.78	-7.46	22.08	290	17400	15.19	-12.62	19.75	310					
16425	20.98	-7.25	22.20	289	17425	14.48	-12.54	19.16	311					
16450	21.01	-6.88	22.11	288	17450	13.36	-12.48	18.28	313					
16475	20.89	-6.32	21.83	287	17475	12.83	-12.00	17.57	313					
16500	21.49	-6.31	22.39	286	17500	12.42	-11.04	16.62	311					
16525	22.06	-6.12	22.89	285	17525	12.23	-9.75	15.64	308					
16550	22.12	-5.64	22.82	284	17550	12.15	-9.14	15.20	307					
16575	21.75	-5.40	22.41	284	17575	11.42	-9.29	14.72	309					
16600	21.71	-4.95	22.27	283	17600	10.99	-9.08	14.25	309					
16625	22.09	-4.34	22.52	281	17625	11.37	-7.83	13.81	304					
16650	22.19	-4.43	22.63	281	17650	11.73	-7.56	13.96	303					
16675	22.38	-4.47	22.82	281	17675	11.64	-7.72	13.97	303					
16700	22.68	-4.52	23.13	281	17700	12.55	-6.94	14.34	299					
16725	22.55	-5.52	23.22	284	17725	13.35	-6.34	14.78	295					
16750	22.51	-6.24	23.36	285	17750	13.30	-6.84	14.95	297					
16775	22.18	-6.40	23.09	286	17775	13.64	-7.55	15.59	299					
16800	22.19	-6.51	23.13	286	17800	14.20	-7.46	16.04	298					
16825	23.05	-5.72	23.75	284	17825	14.71	-6.92	16.26	295					
16850	22.87	-4.95	23.40	282	17850	14.46	-6.73	15.95	295					
16875	22.99	-4.76	23.47	282										
16900	23.47	-5.71	24.15	283										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-75

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2263 04/07/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	-4.45	5.88	7.37	143	1175	1.85	-2.18	2.86	320	2175	0.20	-3.07	3.08	356
200	-4.80	5.92	7.62	141	1200	2.08	-2.34	3.13	318	2200	-0.03	-2.96	2.96	0
225	-5.06	5.92	7.79	139	1225	2.17	-2.39	3.23	318	2225	-0.21	-3.03	3.04	4
250	-5.20	5.85	7.82	138	1250	2.13	-2.35	3.18	318	2250	-0.25	-3.09	3.10	4
275	-5.29	5.58	7.69	136	1275	2.30	-2.37	3.31	316	2275	-0.21	-3.00	3.01	4
300	-5.04	5.26	7.28	136	1300	2.57	-2.40	3.52	313	2300	-0.13	-3.00	3.00	2
325	-4.74	4.85	6.78	135	1325	2.50	-2.36	3.44	313	2325	-0.07	-3.06	3.07	1
350	-4.33	4.22	6.04	134	1350	2.35	-2.53	3.46	317	2350	0.09	-3.07	3.07	358
375	-3.81	3.44	5.13	132	1375	2.17	-2.82	3.56	322	2375	0.12	-3.11	3.11	358
400	-3.53	2.48	4.31	125	1400	2.21	-2.94	3.68	323	2400	-0.25	-2.86	2.87	5
425	-3.38	1.57	3.72	115	1425	2.49	-3.05	3.94	321	2425	-0.67	-2.36	2.45	16
450	-3.28	0.75	3.36	103	1450	2.70	-3.18	4.17	320	2450	-1.11	-1.93	2.22	30
475	-3.17	0.07	3.17	91	1475	3.11	-3.31	4.54	317	2475	-1.46	-1.59	2.16	42
500	-2.86	-0.44	2.89	81	1500	3.53	-3.39	4.89	314	2500	-1.49	-1.33	2.00	48
525	-2.41	-0.71	2.52	73	1525	4.00	-3.51	5.32	311	2525	-1.52	-0.85	1.74	60
550	-2.12	-0.85	2.29	68	1550	4.21	-3.62	5.55	311	2550	-1.76	-0.13	1.76	86
575	-1.77	-0.92	1.99	62	1575	3.90	-3.53	5.26	312	2575	-2.08	0.39	2.12	100
600	-1.30	-0.83	1.54	57	1600	3.50	-3.44	4.91	314	2600	-2.36	0.74	2.47	107
625	-0.86	-0.56	1.02	57	1625	3.20	-3.45	4.71	317	2625	-2.56	0.91	2.72	109
650	-0.58	-0.47	0.75	51	1650	3.11	-3.47	4.66	318	2650	-2.53	0.81	2.65	108
675	-0.48	-0.53	0.72	42	1675	3.15	-3.66	4.82	319	2675	-2.55	0.58	2.61	103
700	-0.28	-0.72	0.77	21	1700	3.03	-4.08	5.08	323	2700	-2.60	0.19	2.61	94
725	-0.23	-1.11	1.14	11	1725	2.96	-4.46	5.35	326	2725	-2.68	-0.07	2.68	88
750	-0.20	-1.37	1.39	8	1750	3.14	-4.66	5.62	326	2750	-2.55	-0.27	2.57	84
775	0.02	-1.41	1.41	359	1775	3.18	-4.76	5.72	326	2775	-2.13	-0.65	2.22	73
800	0.58	-1.48	1.59	339	1800	3.11	-4.87	5.78	327	2800	-1.87	-1.06	2.15	60
825	1.20	-1.61	2.01	323	1825	2.85	-5.05	5.80	330	2825	-1.65	-1.48	2.22	48
850	1.56	-1.62	2.24	316	1850	2.43	-5.07	5.62	334	2850	-1.46	-2.10	2.55	35
875	1.72	-1.63	2.37	313	1875	2.03	-5.04	5.43	338	2875	-1.44	-2.82	3.17	27
900	1.66	-1.67	2.35	315	1900	1.68	-4.92	5.20	341	2900	-1.38	-3.34	3.62	22
925	1.44	-1.67	2.20	319	1925	1.43	-4.77	4.98	343	2925	-1.22	-3.45	3.66	19
950	1.35	-1.69	2.16	321	1950	1.24	-4.70	4.86	345	2950	-1.11	-3.18	3.36	19
975	1.38	-1.58	2.10	319	1975	1.16	-4.72	4.86	346	2975	-1.04	-3.12	3.28	18
1000	1.35	-1.53	2.04	318	2000	1.06	-4.72	4.84	347	3000	-1.04	-3.29	3.45	17
1025	1.23	-1.63	2.04	323	2025	0.98	-4.46	4.56	347	3025	-0.99	-3.40	3.54	16
1050	1.22	-1.73	2.11	325	2050	0.89	-4.19	4.28	348	3050	-0.91	-3.32	3.44	15
1075	1.28	-1.78	2.19	324	2075	0.63	-3.97	4.02	351	3075	-1.09	-3.09	3.28	19
1100	1.42	-1.78	2.28	321	2100	0.52	-3.68	3.72	352	3100	-1.39	-2.70	3.03	27
1125	1.63	-1.87	2.48	319	2125	0.58	-3.53	3.58	351	3125	-1.37	-2.42	2.78	29
1150	1.74	-2.00	2.65	319	2150	0.45	-3.34	3.37	352	3150	-1.16	-2.56	2.81	24

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2263 04/07/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	-0.89	-2.98	3.11	17	4175	2.63	-5.46	6.06	334	5175	7.07	-7.63	10.40	317
3200	-0.63	-3.67	3.73	10	4200	2.87	-5.30	6.02	331	5200	7.34	-7.81	10.72	317
3225	-0.46	-4.37	4.39	6	4225	3.05	-5.30	6.12	330	5225	7.41	-7.83	10.78	316
3250	-0.25	-4.81	4.81	3	4250	3.20	-5.33	6.22	329	5250	7.27	-7.76	10.63	317
3275	-0.16	-5.31	5.31	2	4275	3.35	-5.27	6.24	327	5275	7.20	-7.61	10.48	316
3300	-0.32	-5.58	5.59	3	4300	3.57	-5.40	6.47	326	5300	7.07	-7.20	10.09	315
3325	-0.43	-5.52	5.54	4	4325	3.75	-5.68	6.81	326	5325	7.03	-6.90	9.85	314
3350	-0.41	-5.55	5.56	4	4350	3.87	-5.87	7.03	326	5350	7.17	-6.81	9.89	313
3375	-0.49	-5.52	5.55	5	4375	3.95	-5.84	7.05	326	5375	7.27	-6.67	9.87	312
3400	-0.83	-5.38	5.44	9	4400	3.75	-5.66	6.79	326	5400	7.38	-6.76	10.01	312
3425	-0.99	-5.26	5.36	10	4425	3.54	-5.60	6.62	328	5425	7.63	-7.35	10.59	314
3450	-1.02	-5.22	5.32	11	4450	3.40	-5.38	6.37	328	5450	7.80	-7.84	11.06	315
3475	-1.15	-5.14	5.26	12	4475	3.14	-4.77	5.71	326	5475	7.87	-7.91	11.16	315
3500	-1.23	-5.03	5.17	14	4500	2.71	-4.00	4.83	326	5500	8.10	-7.96	11.35	314
3525	-1.33	-4.95	5.12	15	4525	2.58	-3.98	4.75	327	5525	8.42	-8.16	11.72	314
3550	-1.50	-4.94	5.17	17	4550	2.69	-4.64	5.36	330	5550	8.69	-8.46	12.12	314
3575	-1.64	-4.98	5.24	18	4575	2.82	-4.93	5.68	330	5575	8.73	-8.53	12.21	314
3600	-1.72	-5.14	5.42	18	4600	3.09	-5.06	5.93	328	5600	8.63	-8.50	12.11	314
3625	-1.67	-5.38	5.64	17	4625	3.23	-5.36	6.25	329	5625	8.62	-8.50	12.11	314
3650	-1.39	-5.57	5.75	14	4650	3.24	-5.44	6.33	329	5650	8.61	-8.40	12.03	314
3675	-1.07	-5.86	5.95	10	4675	3.40	-5.43	6.40	328	5675	8.44	-8.16	11.74	314
3700	-0.88	-6.00	6.06	8	4700	3.65	-5.51	6.61	326	5700	8.25	-7.96	11.46	314
3725	-0.62	-5.95	5.98	6	4725	3.94	-5.65	6.89	325	5725	8.18	-7.83	11.32	314
3750	-0.35	-5.97	5.98	3	4750	4.12	-5.90	7.19	325	5750	8.08	-7.76	11.20	314
3775	-0.15	-5.89	5.89	1	4775	4.12	-5.99	7.27	325	5775	7.94	-7.82	11.14	314
3800	0.07	-5.85	5.85	359	4800	4.12	-5.84	7.15	325	5800	7.98	-7.80	11.16	314
3825	0.28	-6.03	6.04	357	4825	3.97	-5.83	7.05	326	5825	8.06	-7.82	11.23	314
3850	0.46	-6.26	6.27	356	4850	3.84	-5.86	7.01	327	5850	8.14	-7.99	11.41	314
3875	0.70	-6.44	6.47	354	4875	3.98	-5.85	7.08	326	5875	8.26	-8.22	11.65	315
3900	0.88	-6.57	6.63	352	4900	4.21	-6.07	7.39	325	5900	8.38	-8.44	11.89	315
3925	0.89	-6.57	6.63	352	4925	4.42	-6.36	7.75	325	5925	8.50	-8.31	11.89	314
3950	1.00	-6.54	6.62	351	4950	4.52	-6.56	7.96	325	5950	8.45	-7.94	11.60	313
3975	1.26	-6.49	6.61	349	4975	4.48	-6.54	7.93	325	5975	8.15	-7.43	11.03	312
4000	1.39	-6.36	6.51	347	5000	4.68	-6.42	7.94	324	6000	7.84	-6.96	10.48	311
4025	1.44	-6.27	6.43	347	5025	5.20	-6.40	8.25	321	6025	7.74	-6.63	10.19	310
4050	1.52	-6.25	6.44	346	5050	5.60	-6.39	8.50	319	6050	7.69	-6.42	10.02	310
4075	1.64	-6.17	6.38	345	5075	6.01	-6.50	8.85	317	6075	7.57	-6.27	9.83	309
4100	1.82	-5.94	6.21	343	5100	6.37	-6.86	9.36	317	6100	7.45	-6.20	9.70	310
4125	2.16	-5.79	6.18	339	5125	6.65	-7.23	9.82	317	6125	7.35	-5.99	9.48	309
4150	2.45	-5.67	6.18	336	5150	6.86	-7.48	10.15	317	6150	7.34	-5.73	9.31	308

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-75 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 2263 04/07/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	7.25	-5.43	9.06	307	7175	11.37	-6.97	13.33	301	8175	14.06	-12.97	19.13	313
6200	7.17	-5.22	8.87	306	7200	11.68	-7.26	13.75	302	8200	14.41	-12.92	19.35	312
6225	7.15	-5.19	8.84	306	7225	11.93	-7.61	14.15	302	8225	14.42	-12.64	19.17	311
6250	7.11	-5.15	8.78	306	7250	12.11	-7.88	14.45	303	8250	14.09	-12.20	18.64	311
6275	7.01	-4.88	8.54	305	7275	12.21	-8.21	14.71	304	8275	14.08	-12.07	18.54	310
6300	6.84	-4.58	8.23	304	7300	12.27	-8.52	14.94	305	8300	13.98	-12.12	18.50	311
6325	6.82	-4.39	8.11	303	7325	12.37	-8.78	15.17	305	8325	13.61	-12.08	18.20	311
6350	6.94	-4.21	8.12	301	7350	12.47	-9.01	15.38	306	8350	13.52	-11.83	17.97	311
6375	7.22	-4.16	8.33	300	7375	12.63	-9.37	15.72	306	8375	13.39	-11.38	17.57	310
6400	7.54	-4.18	8.62	299	7400	12.86	-9.71	16.12	307	8400	13.14	-10.96	17.11	310
6425	7.79	-4.12	8.81	298	7425	12.99	-9.80	16.28	307	8425	13.06	-10.59	16.82	309
6450	7.97	-4.23	9.03	298	7450	12.91	-9.89	16.26	307	8450	13.04	-10.52	16.76	309
6475	8.21	-4.34	9.29	298	7475	12.63	-9.88	16.04	308	8475	12.84	-10.52	16.60	309
6500	8.50	-4.38	9.56	297	7500	12.35	-9.84	15.79	308	8500	12.62	-10.44	16.38	309
6525	8.85	-4.64	9.99	297	7525	12.20	-10.06	15.81	309	8525	12.58	-10.40	16.32	309
6550	9.10	-4.92	10.35	298	7550	12.23	-10.37	16.04	310	8550	12.33	-10.32	16.08	310
6575	9.38	-5.05	10.65	298	7575	12.29	-10.48	16.15	310	8575	11.82	-10.25	15.65	311
6600	9.79	-5.11	11.04	297	7600	12.28	-10.49	16.15	310	8600	11.60	-10.23	15.47	311
6625	9.96	-5.07	11.18	297	7625	12.40	-10.64	16.34	310	8625	11.43	-10.13	15.27	311
6650	9.95	-5.08	11.18	297	7650	12.36	-10.75	16.38	311	8650	11.02	-9.96	14.85	312
6675	9.97	-5.17	11.23	297	7675	12.38	-11.06	16.60	312	8675	10.78	-9.89	14.63	312
6700	9.95	-5.14	11.20	297	7700	12.46	-11.39	16.89	312	8700	10.91	-9.63	14.55	311
6725	9.85	-5.11	11.09	297	7725	12.43	-11.55	16.96	313	8725	11.19	-9.25	14.52	309
6750	9.71	-5.16	11.00	298	7750	12.59	-11.78	17.24	313	8750	11.22	-9.15	14.48	309
6775	9.68	-5.20	10.99	298	7775	12.64	-11.93	17.38	313	8775	11.13	-8.93	14.27	309
6800	9.71	-5.08	10.96	297	7800	12.75	-12.06	17.54	313	8800	11.13	-8.78	14.18	308
6825	9.75	-5.07	10.99	297	7825	12.87	-12.26	17.78	313	8825	11.27	-8.88	14.35	308
6850	9.90	-5.15	11.16	297	7850	12.65	-12.29	17.64	314	8850	11.46	-8.91	14.52	308
6875	10.00	-5.22	11.28	297	7875	12.40	-12.06	17.30	314	8875	11.29	-8.65	14.22	307
6900	10.03	-5.30	11.34	298	7900	12.26	-12.03	17.18	314	8900	11.05	-8.37	13.86	307
6925	10.16	-5.43	11.52	298	7925	12.12	-12.38	17.33	315	8925	11.26	-8.40	14.05	307
6950	10.23	-5.60	11.66	299	7950	11.96	-12.71	17.45	317	8950	11.79	-8.50	14.54	306
6975	10.30	-5.89	11.87	300	7975	11.90	-12.93	17.58	317	8975	12.26	-8.62	14.99	305
7000	10.38	-6.18	12.08	301	8000	11.99	-13.10	17.76	317	9000	12.54	-8.75	15.29	305
7025	10.50	-6.30	12.24	301	8025	12.16	-13.16	17.79	317	9025	12.71	-8.82	15.47	305
7050	10.70	-6.39	12.47	301	8050	12.45	-13.15	18.11	316	9050	12.77	-8.85	15.54	305
7075	10.88	-6.51	12.67	301	8075	12.81	-13.18	18.38	316	9075	12.72	-8.80	15.47	304
7100	11.06	-6.56	12.86	300	8100	13.24	-13.20	18.70	315	9100	12.68	-8.59	15.32	304
7125	11.14	-6.65	12.97	301	8125	13.54	-13.17	18.89	314	9125	12.66	-8.38	15.18	303
7150	11.16	-6.80	13.07	301	8150	13.76	-13.08	18.98	313	9150	12.73	-8.32	15.21	303

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE

TEST NUMBER 2263 04/07/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	12.92	-8.15	15.27	302	10175	16.71	-13.01	21.18	308	11175	20.11	-11.13	22.98	299
9200	13.09	-8.02	15.35	301	10200	16.71	-13.11	21.24	308	11200	20.19	-11.01	23.00	298
9225	13.20	-7.92	15.39	301	10225	16.80	-13.13	21.32	308	11225	20.31	-10.89	23.05	298
9250	13.26	-7.74	15.35	300	10250	16.83	-13.34	21.47	308	11250	20.50	-10.49	23.03	297
9275	13.39	-7.77	15.48	300	10275	16.95	-13.60	21.73	309	11275	20.59	-9.99	22.88	296
9300	13.54	-7.93	15.69	300	10300	16.99	-13.81	21.90	309	11300	20.35	-9.64	22.51	295
9325	13.59	-7.94	15.74	300	10325	16.98	-14.10	22.07	310	11325	20.28	-9.26	22.29	294
9350	13.59	-7.90	15.72	300	10350	17.08	-14.39	22.34	310	11350	20.24	-8.78	22.06	293
9375	13.44	-8.02	15.65	301	10375	17.14	-14.82	22.66	311	11375	19.91	-8.54	21.67	293
9400	13.31	-8.07	15.57	301	10400	17.16	-15.04	22.82	311	11400	19.48	-8.49	21.25	293
9425	13.53	-7.98	15.71	300	10425	17.05	-15.03	22.73	311	11425	19.42	-8.40	21.15	293
9450	13.48	-7.85	15.59	300	10450	16.82	-15.25	22.71	312	11450	19.75	-8.08	21.33	292
9475	13.37	-7.63	15.40	300	10475	16.73	-15.15	22.57	312	11475	20.21	-7.83	21.68	291
9500	13.64	-7.66	15.64	299	10500	16.71	-15.15	22.55	312	11500	20.87	-7.96	22.34	291
9525	14.05	-7.83	16.09	299	10525	16.69	-15.32	22.66	312	11525	21.30	-8.57	22.96	292
9550	14.42	-7.93	16.45	299	10550	16.80	-15.31	22.73	312	11550	21.45	-9.33	23.39	293
9575	14.67	-8.05	16.74	299	10575	16.97	-15.38	22.90	312	11575	21.35	-10.02	23.59	295
9600	14.89	-8.10	16.95	298	10600	17.13	-15.42	23.05	312	11600	21.31	-10.78	23.88	297
9625	14.95	-8.24	17.07	299	10625	17.17	-15.38	23.05	312	11625	21.37	-11.36	24.20	298
9650	15.01	-8.38	17.19	299	10650	17.19	-15.41	23.08	312	11650	21.33	-11.68	24.32	299
9675	15.13	-8.47	17.34	299	10675	17.20	-15.30	23.02	311	11675	21.42	-11.83	24.47	299
9700	15.12	-8.70	17.45	300	10700	17.14	-15.20	22.91	311	11700	21.49	-12.06	24.64	299
9725	15.34	-8.83	17.70	300	10725	16.99	-15.00	22.67	311	11725	21.47	-12.52	24.85	300
9750	15.74	-8.95	18.11	299	10750	16.91	-14.73	22.43	311	11750	21.57	-12.90	25.13	301
9775	16.01	-9.13	18.43	299	10775	17.11	-14.45	22.39	310	11775	21.93	-13.06	25.52	301
9800	16.23	-9.42	18.76	300	10800	17.45	-14.14	22.46	309	11800	22.24	-13.35	25.94	301
9825	16.22	-9.69	18.89	301	10825	17.76	-14.11	22.68	308	11825	22.33	-13.47	26.08	301
9850	16.20	-9.95	19.01	301	10850	17.99	-14.02	22.80	308	11850	22.53	-13.31	26.17	300
9875	16.32	-10.37	19.34	302	10875	18.00	-13.76	22.66	307	11875	22.85	-13.14	26.36	300
9900	16.38	-10.74	19.59	303	10900	17.98	-13.65	22.57	307	11900	22.89	-13.01	26.33	299
9925	16.43	-11.25	19.92	304	10925	18.37	-13.33	22.69	306	11925	22.97	-12.95	26.36	299
9950	16.44	-11.63	20.14	305	10950	18.66	-13.04	22.76	305	11950	22.99	-13.09	26.45	299
9975	16.48	-11.89	20.32	306	10975	19.23	-12.68	23.03	303	11975	23.03	-13.24	26.57	300
10000	16.45	-12.24	20.51	306	11000	19.87	-12.24	23.34	301	12000	23.18	-13.22	26.69	300
10025	16.34	-12.26	20.43	307	11025	20.15	-12.01	23.45	301	12025	22.98	-13.32	26.56	300
10050	16.31	-12.43	20.51	307	11050	19.97	-11.88	23.23	301	12050	22.82	-13.45	26.49	300
10075	16.45	-12.51	20.67	307	11075	19.93	-11.95	23.24	301	12075	22.83	-13.60	26.57	301
10100	16.55	-12.38	20.67	307	11100	20.16	-11.82	23.37	300	12100	22.78	-13.74	26.61	301
10125	16.74	-12.42	20.84	306	11125	20.18	-11.48	23.22	299	12125	22.83	-13.79	26.67	301
10150	16.85	-12.67	21.08	307	11150	20.12	-11.36	23.11	299	12150	22.90	-13.92	26.79	301

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-75 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2263 04/07/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	23.01	-14.02	26.94	301	13175	17.17	-10.39	20.07	301	14175	19.78	-20.93	28.80	316
12200	22.91	-14.16	26.93	302	13200	17.73	-10.50	20.61	300	14200	19.43	-20.12	27.97	316
12225	22.47	-14.54	26.76	303	13225	18.44	-10.48	21.21	299	14225	19.03	-19.87	27.51	316
12250	22.11	-14.87	26.64	304	13250	19.46	-10.52	22.12	298	14250	18.74	-19.48	27.03	316
12275	21.66	-15.36	26.55	305	13275	20.58	-10.92	23.30	298	14275	18.51	-18.55	26.20	315
12300	21.31	-15.70	26.47	306	13300	21.68	-11.26	24.43	297	14300	18.42	-17.69	25.54	314
12325	21.18	-15.74	26.39	306	13325	22.74	-11.58	25.51	297	14325	18.35	-16.86	24.92	312
12350	20.79	-15.94	26.20	307	13350	23.80	-12.01	26.66	297	14350	18.48	-16.18	24.56	311
12375	19.90	-16.12	25.61	309	13375	24.82	-12.59	27.83	297	14375	18.81	-15.08	24.11	309
12400	19.16	-15.92	24.91	310	13400	25.84	-13.15	28.99	297	14400	19.04	-14.57	23.97	307
12425	18.77	-15.73	24.49	310	13425	26.85	-13.81	30.20	297	14425	19.62	-14.12	24.17	306
12450	18.15	-15.95	24.16	311	13450	27.73	-14.52	31.30	297	14450	20.24	-13.26	24.20	303
12475	17.34	-15.89	23.52	312	13475	28.58	-15.24	32.39	298	14475	20.43	-12.69	24.05	302
12500	16.67	-15.68	22.89	313	13500	29.37	-15.65	33.27	298	14500	20.57	-11.62	23.62	299
12525	15.95	-15.32	22.11	314	13525	30.10	-16.23	34.20	298	14525	20.71	-10.73	23.33	297
12550	15.35	-15.24	21.63	315	13550	30.53	-17.37	35.13	299	14550	20.89	-10.21	23.25	296
12575	14.50	-15.44	21.18	317	13575	30.51	-18.56	35.71	301	14575	20.69	-10.24	23.09	296
12600	13.63	-15.36	20.53	318	13600	30.58	-19.63	36.34	303	14600	20.49	-10.31	22.93	297
12625	13.12	-15.19	20.07	319	13625	30.85	-20.90	37.26	304	14625	20.78	-10.36	23.22	296
12650	12.74	-14.80	19.53	319	13650	30.71	-22.04	37.80	305	14650	21.06	-10.66	23.61	297
12675	12.45	-14.32	18.97	319	13675	29.95	-22.54	37.48	307	14675	21.01	-11.16	23.79	298
12700	12.40	-14.05	18.74	318	13700	29.26	-22.42	36.86	307	14700	21.19	-11.35	24.04	298
12725	12.25	-13.58	18.29	318	13725	28.56	-22.28	36.23	308	14725	21.44	-11.22	24.20	297
12750	11.82	-13.25	17.76	318	13750	28.14	-22.41	35.98	308	14750	21.59	-11.19	24.32	297
12775	11.56	-13.31	17.63	319	13775	27.74	-22.56	35.75	309	14775	21.92	-11.34	24.68	297
12800	11.77	-13.26	17.73	318	13800	27.15	-22.76	35.43	310	14800	22.63	-11.45	25.36	297
12825	12.30	-13.41	18.20	317	13825	26.21	-23.37	35.12	312	14825	23.26	-11.35	25.88	296
12850	12.96	-13.58	18.77	316	13850	25.31	-23.51	34.55	313	14850	23.57	-11.45	26.21	296
12875	13.82	-13.88	19.58	315	13875	24.53	-23.13	33.71	313	14875	24.25	-11.62	26.89	295
12900	14.40	-14.30	20.29	315	13900	24.00	-22.96	33.22	314	14900	25.29	-11.90	27.94	295
12925	14.89	-14.46	20.76	314	13925	23.59	-22.88	32.86	314	14925	26.19	-12.84	29.17	296
12950	15.49	-14.18	21.00	312	13950	23.45	-22.89	32.78	314	14950	26.65	-13.53	29.89	297
12975	16.09	-14.22	21.48	311	13975	22.99	-22.68	32.29	314	14975	27.16	-14.12	30.62	297
13000	16.33	-14.36	21.75	311	14000	22.72	-22.36	31.88	314	15000	27.59	-14.25	31.05	297
13025	16.37	-13.77	21.40	310	14025	22.43	-22.21	31.57	315	15025	28.22	-14.45	31.71	297
13050	16.48	-13.42	21.25	309	14050	21.89	-22.23	31.20	315	15050	27.88	-15.11	31.71	298
13075	16.32	-12.74	20.70	308	14075	21.54	-22.21	30.94	316	15075	27.58	-15.78	31.78	300
13100	16.76	-11.87	20.54	305	14100	21.30	-22.11	30.70	316	15100	27.73	-16.39	32.21	300
13125	17.27	-11.05	20.50	302	14125	20.85	-21.70	30.09	316	15125	27.70	-16.59	32.28	301
13150	17.07	-10.59	20.09	302	14150	20.22	-21.47	29.49	317	15150	27.09	-16.93	31.95	302

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2263 04/07/65, 0130Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	25.93	-17.60	31.33	304	16175	27.94	-13.86	31.18	296	17175	14.22	-8.52	16.58	301
15200	25.00	-17.72	30.64	305	16200	26.95	-14.60	30.65	298	17200	14.32	-8.09	16.44	299
15225	23.75	-17.26	29.36	306	16225	25.46	-15.42	29.77	301	17225	14.60	-7.69	16.50	298
15250	23.49	-16.79	28.87	305	16250	24.45	-15.71	29.06	303	17250	14.57	-7.43	16.36	297
15275	22.97	-16.22	28.12	305	16275	23.33	-15.70	28.11	304	17275	14.34	-7.30	16.09	297
15300	22.58	-15.79	27.56	305	16300	22.73	-15.25	27.37	304	17300	14.14	-7.02	15.79	296
15325	22.24	-15.04	26.85	304	16325	22.56	-14.78	26.97	303	17325	13.78	-6.67	15.31	296
15350	22.12	-14.27	26.32	303	16350	22.22	-15.28	26.97	304	17350	14.04	-6.46	15.45	295
15375	21.89	-13.63	25.78	302	16375	22.27	-15.55	27.16	305	17375	14.47	-6.55	15.88	294
15400	21.67	-13.25	25.40	301	16400	22.30	-15.59	27.21	305	17400	15.00	-6.80	16.47	294
15425	21.59	-12.57	24.99	300	16425	21.92	-15.35	26.76	305	17425	15.77	-6.99	17.25	294
15450	21.40	-11.81	24.44	299	16450	21.90	-15.38	26.76	305	17450	16.27	-7.81	18.05	295
15475	21.50	-11.42	24.35	298	16475	21.91	-16.04	27.16	306	17475	16.68	-8.46	18.71	297
15500	21.76	-10.67	24.24	296	16500	21.73	-17.01	27.60	308	17500	16.45	-8.26	18.41	296
15525	21.95	-10.30	24.25	295	16525	21.41	-17.28	27.51	309	17525	15.49	-8.13	17.49	298
15550	22.22	-9.37	24.12	293	16550	20.48	-17.26	26.78	310	17550	14.90	-7.93	16.88	298
15575	22.71	-8.26	24.16	290	16575	19.27	-17.06	25.74	311	17575	14.62	-7.60	16.48	297
15600	23.17	-6.80	24.15	286	16600	18.73	-16.97	25.27	312	17600	15.21	-7.36	16.90	296
15625	23.57	-6.16	24.37	284	16625	17.75	-16.42	24.18	313	17625	15.59	-7.57	17.33	296
15650	24.05	-5.90	24.76	284	16650	17.06	-16.41	23.67	314	17650	15.34	-7.50	17.07	296
15675	24.38	-5.43	24.98	282	16675	16.20	-16.30	22.98	315	17675	14.36	-7.43	16.17	297
15700	24.59	-4.94	25.08	281	16700	15.60	-15.37	21.90	314	17700	13.42	-8.04	15.65	301
15725	24.78	-4.80	25.24	281	16725	15.01	-14.58	20.92	314	17725	12.85	-8.25	15.27	303
15750	25.34	-4.94	25.82	281	16750	14.79	-13.86	20.27	313	17750	11.84	-8.89	14.81	307
15775	26.11	-5.20	26.63	281	16775	14.76	-13.38	19.92	312	17775	11.04	-9.73	14.71	311
15800	26.78	-5.49	27.34	281	16800	14.68	-12.59	19.34	310	17800	10.35	-11.21	15.26	317
15825	27.15	-5.61	27.72	281	16825	14.55	-11.94	18.82	309	17825	9.55	-11.84	15.21	321
15850	27.21	-5.69	27.80	282	16850	14.56	-11.63	18.63	308	17850	8.24	-12.40	14.89	326
15875	27.29	-5.51	27.85	281	16875	14.78	-11.29	18.60	307	17875	7.42	-12.60	14.62	329
15900	27.93	-5.02	28.38	280	16900	14.78	-10.37	18.05	305	17900	6.22	-12.58	14.04	334
15925	28.99	-5.09	29.43	280	16925	14.37	-9.71	17.34	304	17925	4.98	-12.59	13.54	338
15950	29.81	-6.04	30.41	281	16950	13.84	-9.28	16.66	304	17950	3.32	-12.69	13.11	345
15975	30.10	-6.95	30.89	283	16975	13.79	-9.12	16.54	303	17975	2.39	-12.29	12.52	349
16000	30.45	-7.80	31.43	284	17000	13.63	-8.97	16.31	303	18000	1.61	-11.70	11.81	352
16025	30.48	-9.11	31.81	286	17025	13.66	-8.65	16.17	302	18025	1.11	-11.58	11.63	354
16050	30.17	-10.08	31.81	288	17050	13.55	-8.68	16.10	302	18050	0.74	-11.29	11.31	356
16075	30.15	-10.52	31.93	289	17075	13.39	-8.93	16.10	304	18075	0.48	-10.33	10.34	357
16100	29.90	-11.39	32.00	291	17100	13.57	-8.86	16.20	303	18100	0.67	-9.01	9.03	356
16125	29.22	-12.37	31.74	293	17125	13.87	-8.85	16.45	302	18125	0.91	-8.36	8.41	354
16150	28.53	-13.14	31.41	295	17150	14.24	-8.74	16.71	301	18150	0.87	-7.92	7.96	354

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-76

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2269 04/07/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	4.65	1.18	4.80	256	1225	1.68	0.13	1.68	265	2225	6.19	-1.01	6.27	279
250	4.37	1.81	4.73	247	1250	1.65	0.04	1.65	269	2250	6.25	-1.26	6.38	281
275	4.08	2.19	4.63	242	1275	1.63	-0.29	1.65	280	2275	6.10	-1.70	6.34	285
300	4.00	2.20	4.56	241	1300	1.59	-0.70	1.74	294	2300	6.04	-2.19	6.42	290
325	4.14	2.08	4.63	243	1325	1.47	-0.88	1.72	301	2325	6.18	-2.62	6.71	293
350	4.46	1.88	4.84	247	1350	1.38	-1.00	1.70	306	2350	6.10	-2.90	6.75	295
375	4.80	1.45	5.01	253	1375	1.45	-1.10	1.82	307	2375	6.10	-3.33	6.95	298
400	4.90	1.21	5.05	256	1400	1.83	-1.18	2.17	303	2400	6.29	-3.71	7.30	300
425	4.76	0.95	4.85	259	1425	2.18	-1.59	2.70	306	2425	6.28	-3.84	7.37	301
450	4.44	0.77	4.50	260	1450	2.15	-1.88	2.85	311	2450	6.42	-4.23	7.69	303
475	3.97	0.52	4.01	262	1475	2.14	-1.81	2.81	310	2475	6.60	-4.77	8.15	306
500	3.47	0.07	3.47	269	1500	2.22	-1.81	2.86	309	2500	6.46	-4.93	8.13	307
525	3.31	-0.06	3.31	271	1525	2.08	-1.75	2.71	310	2525	6.27	-4.90	7.96	308
550	3.23	-0.15	3.23	273	1550	1.76	-1.53	2.33	311	2550	6.11	-4.71	7.71	307
575	4.01	-0.46	4.03	276	1575	1.58	-1.30	2.04	309	2575	6.16	-4.38	7.56	305
600	4.40	-0.72	4.46	279	1600	1.68	-1.25	2.09	306	2600	6.41	-4.13	7.63	303
625	3.44	-0.50	3.48	278	1625	1.68	-1.28	2.11	307	2625	6.51	-3.87	7.57	301
650	3.05	-0.30	3.07	275	1650	1.67	-1.26	2.09	307	2650	6.52	-3.67	7.48	299
675	3.34	-0.27	3.35	274	1675	1.83	-1.36	2.28	306	2675	6.68	-3.38	7.48	297
700	3.69	-0.29	3.70	274	1700	1.93	-1.25	2.30	303	2700	6.52	-2.87	7.12	294
725	3.73	-0.30	3.74	274	1725	2.00	-1.04	2.25	297	2725	6.30	-2.49	6.77	291
750	3.76	-0.32	3.77	275	1750	1.99	-0.85	2.16	293	2750	6.34	-2.46	6.80	291
775	3.76	-0.50	3.80	277	1775	1.91	-0.56	1.99	286	2775	6.41	-2.24	6.79	289
800	3.44	-0.50	3.48	278	1800	2.16	-0.42	2.20	281	2800	6.45	-1.84	6.70	286
825	3.18	-0.30	3.20	275	1825	2.64	-0.53	2.69	281	2825	5.95	-1.89	6.25	287
850	2.85	0.04	2.85	269	1850	3.15	-0.78	3.25	284	2850	6.33	-2.10	6.67	288
875	2.65	0.44	2.69	260	1875	3.68	-0.96	3.80	284	2875	7.05	-2.06	7.34	286
900	2.63	0.53	2.68	258	1900	4.18	-0.75	4.25	280	2900	6.75	-1.95	7.02	286
925	2.51	0.41	2.54	260	1925	4.59	-0.36	4.61	274	2925	6.69	-1.98	6.97	286
950	2.40	0.24	2.42	264	1950	4.95	0.03	4.95	269	2950	6.61	-2.01	6.91	287
975	2.25	0.19	2.26	265	1975	5.34	0.43	5.36	265	2975	6.38	-2.03	6.70	287
1000	2.12	0.13	2.12	266	2000	5.42	0.54	5.45	264	3000	6.19	-1.88	6.47	287
1025	1.90	0.16	1.90	265	2025	5.46	0.58	5.50	264	3025	6.19	-1.68	6.42	285
1050	1.75	0.36	1.79	258	2050	5.77	0.48	5.79	265	3050	6.14	-1.43	6.31	283
1075	1.67	0.47	1.73	254	2075	5.92	0.35	5.93	266	3075	6.33	-1.23	6.45	281
1100	1.62	0.40	1.67	256	2100	5.82	0.24	5.82	267	3100	6.46	-1.16	6.56	280
1125	1.70	0.11	1.70	266	2125	5.79	-0.11	5.79	271	3125	6.35	-0.85	6.41	277
1150	1.63	0.01	1.63	269	2150	5.85	-0.35	5.86	273	3150	6.58	-0.44	6.60	274
1175	1.63	0.15	1.64	265	2175	5.95	-0.43	5.96	274	3175	7.14	-0.32	7.15	272
1200	1.68	0.13	1.69	265	2200	6.10	-0.68	6.13	276	3200	7.60	-0.29	7.60	272

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2269 04/07/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	7.90	-0.22	7.90	271	4225	9.24	-6.25	11.15	304	5225	15.07	-9.32	17.71	302
3250	7.92	-0.35	7.92	272	4250	9.22	-6.27	11.15	304	5250	15.34	-9.30	17.94	301
3275	7.71	-0.62	7.74	274	4275	9.22	-6.47	11.27	305	5275	15.98	-9.64	18.66	301
3300	7.75	-0.90	7.80	276	4300	9.58	-6.54	11.60	304	5300	16.63	-10.18	19.50	301
3325	7.97	-1.46	8.11	280	4325	9.91	-6.71	11.97	304	5325	16.30	-10.23	19.25	302
3350	8.12	-1.89	8.34	283	4350	9.82	-6.88	11.99	305	5350	15.73	-10.10	18.70	303
3375	8.10	-2.03	8.35	284	4375	9.63	-6.91	11.86	305	5375	15.70	-10.28	18.77	303
3400	8.26	-2.43	8.61	286	4400	9.61	-7.01	11.89	306	5400	15.65	-10.31	18.74	303
3425	8.54	-3.10	9.08	290	4425	9.77	-7.12	12.09	306	5425	15.48	-10.31	18.59	303
3450	8.79	-3.47	9.45	291	4450	9.81	-7.19	12.16	306	5450	15.62	-10.46	18.79	304
3475	9.15	-3.76	9.89	292	4475	9.84	-7.11	12.14	306	5475	15.64	-10.61	18.90	304
3500	9.29	-3.95	10.10	293	4500	10.06	-7.00	12.26	305	5500	15.32	-10.60	18.63	305
3525	9.18	-4.06	10.04	294	4525	10.20	-6.92	12.33	304	5525	15.44	-10.71	18.80	305
3550	9.16	-4.15	10.05	294	4550	10.10	-6.75	12.15	304	5550	15.60	-10.84	18.99	305
3575	9.48	-4.42	10.46	295	4575	10.17	-6.55	12.09	303	5575	15.45	-10.82	18.86	305
3600	9.74	-4.68	10.81	295	4600	10.53	-6.51	12.38	302	5600	15.37	-10.96	18.88	305
3625	9.81	-4.71	10.88	295	4625	10.51	-6.49	12.36	302	5625	15.33	-10.95	18.84	305
3650	9.88	-4.79	10.98	296	4650	10.44	-6.40	12.25	301	5650	15.58	-10.65	18.87	304
3675	9.75	-4.81	10.87	296	4675	10.66	-6.34	12.40	301	5675	15.91	-10.37	18.99	303
3700	9.64	-4.68	10.71	296	4700	10.76	-6.21	12.42	300	5700	15.79	-10.30	18.85	303
3725	9.84	-4.50	10.82	294	4725	10.74	-6.19	12.40	300	5725	15.67	-10.21	18.71	303
3750	10.09	-4.47	11.04	294	4750	10.79	-6.10	12.40	299	5750	15.79	-10.20	18.80	303
3775	10.00	-4.50	10.96	294	4775	10.85	-5.92	12.36	298	5775	15.97	-10.44	19.08	303
3800	9.90	-4.50	10.87	294	4800	10.97	-5.87	12.44	298	5800	16.30	-10.87	19.60	304
3825	9.86	-4.65	10.90	295	4825	10.95	-5.86	12.42	298	5825	16.68	-11.32	20.16	304
3850	9.82	-4.78	10.92	296	4850	10.75	-5.85	12.23	298	5850	17.05	-11.48	20.55	304
3875	9.90	-4.86	11.03	296	4875	10.64	-5.93	12.18	299	5875	17.31	-11.55	20.81	304
3900	9.96	-5.05	11.17	297	4900	10.66	-5.99	12.23	299	5900	17.41	-11.97	21.13	304
3925	9.81	-5.36	11.18	298	4925	10.71	-6.06	12.31	299	5925	17.41	-12.59	21.48	306
3950	9.66	-5.62	11.17	300	4950	11.01	-6.08	12.58	299	5950	17.15	-13.10	21.58	307
3975	9.82	-5.75	11.38	300	4975	11.63	-6.11	13.14	298	5975	16.92	-13.49	21.64	308
4000	9.89	-6.04	11.59	301	5000	12.41	-6.43	13.97	297	6000	16.90	-13.94	21.91	309
4025	9.82	-6.31	11.68	303	5025	13.14	-6.92	14.85	298	6025	16.69	-14.20	21.91	310
4050	9.92	-6.39	11.80	303	5050	13.47	-7.30	15.32	298	6050	16.24	-14.12	21.52	311
4075	9.86	-6.55	11.84	303	5075	13.55	-7.70	15.58	299	6075	15.91	-14.04	21.22	311
4100	9.74	-6.83	11.90	305	5100	13.83	-8.18	16.07	300	6100	15.81	-13.86	21.02	311
4125	9.49	-6.74	11.64	305	5125	14.19	-8.72	16.66	301	6125	15.77	-13.85	20.99	311
4150	9.36	-6.60	11.46	305	5150	14.60	-9.14	17.22	302	6150	15.75	-14.19	21.21	312
4175	9.44	-6.56	11.50	305	5175	14.91	-9.24	17.54	302	6175	15.82	-14.38	21.37	312
4200	9.28	-6.41	11.28	304	5200	14.98	-9.34	17.65	302	6200	16.03	-14.51	21.62	312

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-76 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2269 04/07/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	16.24	-14.83	21.99	312	7225	18.62	-17.61	25.63	313	8225	13.43	-11.63	17.77	311
6250	16.22	-15.19	22.22	313	7250	19.10	-17.38	25.82	312	8250	13.23	-11.37	17.45	310
6275	16.21	-15.27	22.27	313	7275	19.10	-17.05	25.60	312	8275	13.01	-11.35	17.27	311
6300	16.26	-15.15	22.23	313	7300	18.92	-16.67	25.22	311	8300	12.81	-11.16	16.99	311
6325	16.14	-14.88	21.95	312	7325	19.05	-16.30	25.07	310	8325	12.51	-11.34	16.88	312
6350	16.02	-14.74	21.77	312	7350	19.33	-16.07	25.14	310	8350	11.97	-11.68	16.73	314
6375	15.88	-14.76	21.68	313	7375	19.39	-15.86	25.05	309	8375	11.87	-11.59	16.59	314
6400	15.48	-14.46	21.19	313	7400	19.46	-15.50	24.88	308	8400	11.79	-11.68	16.60	315
6425	15.03	-14.36	20.79	314	7425	19.67	-15.20	24.86	308	8425	11.29	-11.84	16.36	316
6450	14.71	-14.29	20.51	314	7450	19.91	-14.91	24.87	307	8450	10.92	-12.05	16.26	318
6475	14.82	-14.36	20.64	314	7475	20.23	-14.64	24.98	306	8475	10.89	-12.33	16.45	318
6500	15.18	-14.78	21.19	314	7500	20.62	-14.31	25.10	305	8500	10.57	-12.66	16.49	320
6525	15.24	-14.96	21.35	314	7525	20.62	-14.23	25.06	304	8525	10.34	-12.93	16.55	321
6550	15.21	-14.98	21.35	314	7550	19.85	-14.22	24.41	305	8550	10.43	-13.15	16.79	321
6575	15.38	-14.71	21.28	314	7575	20.14	-14.76	24.97	306	8575	10.39	-13.48	17.03	322
6600	15.48	-14.52	21.22	313	7600	20.28	-15.03	25.24	306	8600	10.11	-13.70	17.02	323
6625	15.53	-14.90	21.52	314	7625	19.42	-14.37	24.15	306	8625	9.73	-13.80	16.89	325
6650	15.43	-15.31	21.73	315	7650	18.94	-14.31	23.74	307	8650	9.77	-13.95	17.03	325
6675	15.13	-15.49	21.65	316	7675	18.73	-14.28	23.55	307	8675	9.76	-14.05	17.11	325
6700	14.71	-15.50	21.37	316	7700	18.79	-14.18	23.54	307	8700	9.39	-13.82	16.70	326
6725	14.54	-15.48	21.24	317	7725	18.68	-14.03	23.36	307	8725	9.46	-13.71	16.66	325
6750	14.65	-15.59	21.39	317	7750	18.39	-13.79	22.99	307	8750	9.63	-14.37	17.29	326
6775	14.61	-15.82	21.54	317	7775	18.08	-13.61	22.63	307	8775	9.31	-14.89	17.56	328
6800	14.78	-16.06	21.83	317	7800	17.58	-13.33	22.06	307	8800	9.04	-15.17	17.66	329
6825	14.97	-15.96	21.88	317	7825	17.14	-12.85	21.42	307	8825	9.03	-15.28	17.75	329
6850	14.98	-15.64	21.66	316	7850	16.64	-12.81	21.00	307	8850	9.01	-15.53	17.95	330
6875	14.88	-15.37	21.39	316	7875	16.08	-13.01	20.69	309	8875	9.14	-15.65	18.13	330
6900	14.49	-15.17	20.98	316	7900	15.73	-12.78	20.27	309	8900	8.99	-15.60	18.00	330
6925	14.46	-15.11	20.91	316	7925	15.59	-12.51	19.99	309	8925	8.81	-15.86	18.15	331
6950	14.49	-14.83	20.73	315	7950	15.13	-12.28	19.49	309	8950	8.77	-16.06	18.30	331
6975	14.49	-14.31	20.37	314	7975	14.89	-12.08	19.17	309	8975	8.53	-16.23	18.34	332
7000	14.68	-14.04	20.31	314	8000	15.18	-11.80	19.23	308	9000	8.54	-16.97	19.00	333
7025	14.86	-13.86	20.32	313	8025	15.08	-11.66	19.07	308	9025	8.52	-17.41	19.38	334
7050	15.14	-13.97	20.60	313	8050	14.90	-11.54	18.84	308	9050	8.15	-17.62	19.42	335
7075	15.40	-14.36	21.06	313	8075	14.70	-11.60	18.73	308	9075	8.00	-17.96	19.66	336
7100	15.71	-14.91	21.66	313	8100	14.38	-11.72	18.55	309	9100	7.96	-18.23	19.89	336
7125	16.30	-15.56	22.53	313	8125	14.12	-11.68	18.32	309	9125	7.74	-18.29	19.86	337
7150	16.98	-16.16	23.44	313	8150	13.81	-11.70	18.10	310	9150	7.65	-18.66	20.16	338
7175	17.38	-16.74	24.13	314	8175	13.67	-11.60	17.93	310	9175	8.07	-19.04	20.68	337
7200	17.83	-17.32	24.86	314	8200	13.66	-11.70	17.98	310	9200	8.66	-19.52	21.36	336

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2269 04/07/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	9.11	-19.93	21.91	335	10225	13.35	-18.35	22.69	324	11225	17.00	-20.18	26.38	320
9250	9.59	-20.31	22.46	335	10250	13.39	-18.39	22.75	324	11250	16.81	-20.19	26.27	320
9275	9.75	-20.64	22.83	335	10275	13.54	-18.72	23.10	324	11275	16.78	-20.07	26.16	320
9300	9.86	-20.74	22.97	334	10300	13.74	-18.73	23.23	324	11300	16.52	-20.06	25.99	320
9325	9.85	-20.45	22.70	334	10325	13.94	-18.82	23.42	323	11325	16.12	-20.40	26.00	322
9350	9.58	-20.36	22.50	335	10350	13.71	-18.99	23.42	324	11350	16.19	-20.57	26.18	322
9375	9.60	-20.27	22.42	334	10375	13.82	-18.78	23.32	323	11375	15.85	-20.66	26.04	322
9400	9.92	-19.95	22.28	333	10400	14.30	-18.67	23.52	322	11400	15.57	-20.74	25.93	323
9425	9.86	-19.99	22.29	334	10425	14.26	-18.69	23.50	322	11425	15.71	-20.98	26.20	323
9450	9.84	-20.03	22.31	334	10450	14.26	-18.47	23.33	322	11450	15.40	-21.61	26.54	324
9475	9.97	-20.12	22.45	333	10475	14.52	-18.01	23.14	321	11475	15.76	-21.92	27.00	324
9500	10.09	-20.08	22.47	333	10500	14.61	-18.09	23.26	321	11500	16.09	-21.80	27.09	323
9525	10.50	-19.97	22.57	332	10525	14.48	-18.56	23.54	322	11525	15.69	-22.21	27.19	325
9550	10.61	-20.26	22.87	332	10550	14.72	-18.84	23.91	322	11550	15.84	-22.58	27.58	325
9575	10.74	-20.33	22.99	332	10575	15.01	-18.86	24.10	321	11575	15.97	-23.06	28.05	325
9600	11.03	-20.30	23.10	331	10600	15.22	-18.83	24.21	321	11600	15.90	-23.47	28.35	326
9625	11.10	-20.33	23.16	331	10625	15.13	-19.10	24.37	321	11625	16.11	-23.48	28.48	325
9650	11.30	-20.16	23.11	331	10650	15.16	-19.41	24.63	322	11650	16.27	-23.66	28.71	325
9675	11.28	-20.17	23.11	331	10675	15.42	-19.64	24.97	322	11675	16.45	-24.02	29.11	325
9700	11.23	-20.00	22.94	331	10700	15.55	-19.88	25.24	322	11700	16.17	-24.40	29.27	326
9725	11.32	-19.72	22.74	330	10725	15.48	-19.91	25.22	322	11725	15.98	-24.84	29.54	327
9750	11.45	-19.53	22.64	329	10750	15.26	-19.90	25.07	322	11750	16.54	-25.14	30.09	326
9775	11.63	-19.37	22.59	329	10775	15.22	-20.22	25.31	323	11775	16.69	-25.50	30.48	327
9800	11.74	-19.25	22.55	328	10800	15.31	-20.26	25.39	323	11800	16.43	-25.97	30.73	328
9825	11.88	-19.23	22.60	328	10825	15.46	-20.38	25.58	323	11825	16.60	-26.69	31.44	328
9850	11.85	-19.25	22.60	328	10850	15.68	-20.43	25.76	322	11850	16.86	-26.80	31.66	328
9875	12.23	-19.17	22.74	327	10875	15.86	-20.54	25.95	322	11875	16.62	-26.93	31.64	328
9900	12.43	-19.32	22.97	327	10900	15.98	-21.03	26.41	323	11900	16.75	-26.79	31.60	328
9925	12.51	-19.49	23.16	327	10925	16.49	-20.96	26.67	322	11925	16.84	-26.68	31.56	328
9950	12.71	-19.37	23.17	327	10950	16.76	-20.64	26.59	321	11950	16.68	-27.07	31.79	328
9975	12.77	-19.19	23.06	326	10975	16.71	-20.45	26.40	321	11975	16.81	-27.19	31.97	328
10000	13.07	-19.06	23.11	325	11000	16.82	-20.20	26.29	320	12000	16.89	-27.17	31.99	328
10025	13.26	-19.01	23.18	325	11025	16.95	-20.04	26.24	320	12025	17.08	-26.71	31.70	327
10050	13.25	-18.90	23.08	325	11050	16.72	-19.97	26.05	320	12050	17.19	-26.76	31.80	327
10075	13.24	-18.76	22.96	325	11075	16.63	-19.90	25.93	320	12075	17.36	-26.67	31.82	327
10100	13.24	-18.73	22.94	325	11100	16.89	-19.84	26.06	319	12100	17.73	-25.96	31.44	325
10125	13.28	-18.53	22.80	324	11125	16.95	-19.74	26.02	319	12125	17.65	-26.02	31.44	326
10150	13.23	-18.28	22.56	324	11150	16.67	-19.90	25.96	320	12150	17.28	-26.07	31.28	326
10175	13.26	-18.58	22.82	324	11175	16.53	-20.25	26.14	321	12175	17.56	-25.80	31.21	326
10200	13.32	-18.68	22.95	324	11200	16.90	-20.29	26.41	320	12200	17.88	-25.72	31.32	325

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-76(con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2269 04/07/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	17.83	-25.91	31.46	325	13225	15.98	-22.87	27.90	325	14225	24.89	-16.26	29.73	303
12250	18.05	-25.91	31.58	325	13250	16.13	-22.20	27.44	324	14250	24.95	-15.74	29.50	302
12275	18.08	-25.65	31.38	325	13275	16.02	-22.10	27.30	324	14275	25.09	-15.63	29.56	302
12300	17.74	-25.49	31.06	325	13300	15.80	-22.29	27.32	324	14300	25.33	-16.05	29.99	302
12325	17.50	-25.31	30.77	325	13325	15.90	-22.09	27.21	324	14325	25.15	-16.68	30.18	303
12350	17.28	-25.11	30.48	325	13350	16.80	-21.56	27.33	322	14350	24.45	-17.20	29.89	305
12375	17.18	-25.03	30.36	325	13375	17.14	-21.61	27.58	321	14375	24.41	-17.30	29.92	305
12400	17.30	-24.89	30.31	325	13400	17.55	-21.66	27.88	321	14400	24.46	-18.33	30.57	307
12425	17.63	-24.70	30.34	324	13425	18.27	-21.50	28.22	319	14425	24.25	-19.07	30.85	308
12450	18.05	-24.30	30.27	323	13450	18.79	-21.44	28.50	319	14450	23.80	-19.69	30.89	309
12475	18.63	-23.72	30.16	322	13475	19.44	-21.21	28.77	317	14475	23.60	-19.79	30.80	310
12500	18.98	-23.33	30.07	321	13500	20.11	-20.85	28.97	316	14500	23.43	-19.90	30.74	310
12525	19.43	-23.30	30.34	320	13525	20.24	-20.60	28.88	315	14525	23.28	-20.51	31.02	311
12550	19.85	-23.46	30.73	320	13550	20.52	-20.76	29.19	315	14550	23.68	-20.01	31.00	310
12575	19.79	-23.57	30.77	320	13575	21.09	-21.10	29.83	315	14575	24.38	-18.97	30.89	308
12600	20.35	-24.00	31.47	320	13600	22.05	-20.52	30.12	313	14600	25.18	-17.87	30.88	305
12625	20.62	-24.67	32.16	320	13625	23.29	-19.24	30.21	309	14625	25.55	-17.90	31.20	305
12650	20.57	-25.21	32.54	321	13650	23.52	-18.46	29.90	308	14650	25.98	-18.06	31.64	305
12675	20.31	-25.42	32.54	321	13675	23.66	-18.16	29.83	307	14675	26.45	-18.12	32.06	304
12700	19.92	-25.84	32.63	322	13700	23.81	-17.81	29.73	307	14700	26.34	-18.64	32.27	305
12725	19.87	-26.46	33.09	323	13725	24.49	-17.21	29.94	305	14725	25.99	-19.60	32.56	307
12750	19.95	-26.97	33.55	323	13750	25.05	-16.80	30.16	304	14750	25.66	-19.60	32.29	307
12775	19.61	-27.07	33.43	324	13775	25.26	-16.27	30.05	303	14775	24.74	-19.32	31.39	308
12800	19.39	-26.60	32.91	324	13800	24.71	-16.07	29.47	303	14800	23.47	-19.27	30.36	309
12825	19.57	-25.27	31.96	322	13825	24.21	-16.18	29.12	304	14825	22.14	-18.78	29.04	310
12850	19.38	-24.29	31.07	321	13850	24.50	-16.09	29.31	303	14850	21.05	-18.38	27.95	311
12875	19.10	-23.62	30.38	321	13875	24.76	-16.21	29.60	303	14875	20.21	-18.19	27.19	312
12900	18.59	-23.91	30.29	322	13900	24.97	-16.67	30.02	304	14900	20.23	-18.16	27.19	312
12925	18.33	-24.46	30.57	323	13925	25.27	-16.38	30.12	303	14925	20.56	-17.59	27.06	310
12950	18.35	-24.81	30.85	323	13950	25.34	-16.03	29.98	302	14950	20.80	-17.33	27.08	310
12975	18.36	-25.29	31.25	324	13975	25.76	-15.57	30.10	301	14975	20.94	-17.36	27.20	309
13000	18.13	-26.11	31.79	325	14000	26.12	-15.53	30.38	301	15000	21.05	-17.01	27.06	309
13025	17.72	-26.77	32.11	326	14025	26.10	-15.65	30.43	301	15025	21.01	-16.83	26.92	309
13050	17.37	-27.05	32.14	327	14050	26.01	-15.71	30.38	301	15050	20.79	-16.63	26.62	308
13075	16.70	-26.88	31.64	328	14075	25.81	-15.78	30.25	301	15075	20.12	-17.04	26.36	310
13100	16.23	-25.91	30.57	328	14100	25.80	-15.87	30.29	301	15100	19.61	-17.25	26.12	311
13125	16.25	-24.70	29.57	326	14125	25.96	-15.74	30.36	301	15125	19.18	-17.28	25.82	312
13150	16.23	-24.28	29.20	326	14150	25.70	-15.82	30.18	301	15150	19.31	-17.32	25.93	312
13175	16.18	-24.10	29.03	326	14175	25.54	-15.98	30.12	302	15175	19.33	-17.35	25.97	312
13200	16.11	-23.70	28.66	326	14200	25.34	-16.13	30.04	302	15200	18.58	-17.88	25.79	314

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2269 04/07/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	18.70	-17.71	25.76	313	16225	21.99	-13.16	25.62	301	17225	17.43	-11.31	20.78	303
15250	18.63	-17.42	25.50	313	16250	22.57	-12.88	25.98	300	17250	18.12	-11.37	21.39	302
15275	18.01	-17.65	25.22	314	16275	22.97	-12.33	26.07	298	17275	18.77	-11.20	21.86	301
15300	17.62	-18.16	25.30	316	16300	24.07	-11.27	26.58	295	17300	18.75	-10.29	21.38	299
15325	18.44	-18.01	25.78	314	16325	25.40	-10.29	27.41	292	17325	19.20	-9.50	21.42	296
15350	19.51	-18.03	26.56	313	16350	25.57	-10.30	27.57	292	17350	19.43	-9.23	21.51	295
15375	19.77	-18.49	27.07	313	16375	26.01	-10.19	27.93	291	17375	19.36	-9.05	21.37	295
15400	20.13	-18.74	27.51	313	16400	26.88	-10.32	28.80	291	17400	20.14	-8.10	21.71	292
15425	20.19	-19.13	27.82	313	16425	27.14	-10.69	29.17	291	17425	20.67	-6.79	21.75	288
15450	20.01	-19.12	27.68	314	16450	27.70	-10.98	29.80	291	17450	20.67	-6.63	21.70	288
15475	19.99	-19.18	27.70	314	16475	28.26	-11.06	30.35	291	17475	20.79	-6.57	21.81	287
15500	20.28	-18.88	27.70	313	16500	28.48	-10.81	30.46	291	17500	20.23	-7.22	21.48	289
15525	20.55	-18.40	27.58	312	16525	28.52	-11.37	30.71	292	17525	19.65	-8.20	21.29	292
15550	20.12	-18.20	27.13	312	16550	27.83	-12.90	30.68	295	17550	19.69	-8.50	21.44	293
15575	19.50	-18.38	26.80	313	16575	27.73	-13.27	30.74	295	17575	19.49	-8.85	21.41	294
15600	18.96	-18.13	26.23	314	16600	27.64	-13.64	30.82	296	17600	18.93	-9.61	21.22	297
15625	18.68	-17.55	25.63	313	16625	27.02	-15.01	30.91	299					
15650	18.28	-17.37	25.22	313	16650	26.36	-15.49	30.58	300					
15675	18.26	-16.93	24.90	313	16675	25.28	-16.30	30.08	303					
15700	18.48	-16.72	24.92	312	16700	24.23	-16.78	29.47	305					
15725	18.56	-16.57	24.88	312	16725	22.52	-17.17	28.32	307					
15750	18.45	-16.19	24.55	311	16750	21.08	-17.33	27.29	309					
15775	18.36	-16.36	24.59	312	16775	18.96	-17.61	25.88	313					
15800	18.55	-16.56	24.87	312	16800	17.86	-17.50	25.00	314					
15825	18.01	-17.01	24.77	313	16825	15.68	-17.09	23.19	317					
15850	17.93	-17.07	24.76	313	16850	14.42	-17.05	22.33	320					
15875	17.84	-16.95	24.60	313	16875	13.82	-16.19	21.29	319					
15900	17.03	-17.38	24.34	315	16900	13.72	-15.47	20.68	318					
15925	17.33	-16.81	24.14	314	16925	14.07	-14.69	20.34	316					
15950	17.85	-15.92	23.92	312	16950	14.35	-14.07	20.10	314					
15975	17.95	-15.40	23.65	310	16975	14.03	-14.02	19.84	315					
16000	17.87	-15.04	23.36	310	17000	14.09	-13.08	19.23	313					
16025	17.80	-14.90	23.21	310	17025	14.04	-12.63	18.89	312					
16050	17.48	-14.82	22.92	310	17050	14.01	-12.57	18.83	312					
16075	15.39	-12.55	19.86	309	17075	14.40	-11.97	18.72	310					
16100	16.62	-13.44	21.37	309	17100	14.39	-11.74	18.57	309					
16125	19.81	-15.26	25.00	307	17125	15.31	-11.55	19.17	307					
16150	19.83	-14.99	24.86	307	17150	16.06	-11.01	19.47	304					
16175	19.78	-15.46	25.10	308	17175	16.99	-10.37	19.90	301					
16200	21.46	-13.66	25.44	302	17200	17.44	-10.57	20.39	301					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-77

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2265 04/09/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-0.24	7.44	7.44	178	1200	9.08	0.63	9.11	266	2200	7.06	-1.15	7.15	279
225	0.30	7.27	7.27	182	1225	9.22	0.41	9.23	267	2225	7.12	-0.91	7.18	277
250	0.69	7.16	7.20	185	1250	9.06	0.47	9.07	267	2250	7.21	-0.67	7.24	275
275	1.22	7.07	7.17	190	1275	8.83	0.59	8.84	266	2275	7.40	-0.50	7.42	274
300	1.85	7.00	7.24	195	1300	8.68	0.84	8.72	264	2300	7.50	-0.73	7.54	275
325	2.43	6.97	7.38	199	1325	8.63	1.12	8.70	262	2325	7.62	-1.23	7.72	279
350	3.09	6.98	7.64	204	1350	8.69	1.26	8.78	262	2350	8.20	-1.84	8.41	282
375	3.57	7.05	7.90	207	1375	8.77	1.29	8.87	261	2375	9.04	-2.37	9.35	284
400	4.21	7.15	8.29	210	1400	8.97	1.32	9.06	261	2400	9.74	-2.35	10.02	283
425	4.90	7.28	8.77	214	1425	8.98	1.56	9.11	260	2425	10.23	-2.17	10.46	282
450	5.37	7.45	9.19	216	1450	8.73	1.72	8.90	259	2450	10.53	-2.06	10.73	281
475	5.82	7.73	9.68	217	1475	8.48	1.67	8.64	259	2475	10.76	-1.98	10.94	280
500	6.07	7.71	9.81	218	1500	8.26	1.69	8.43	258	2500	10.84	-2.01	11.03	280
525	6.08	6.48	8.89	223	1525	8.13	1.66	8.30	258	2525	10.38	-2.31	10.64	282
550	5.88	5.39	7.97	227	1550	8.05	1.58	8.21	259	2550	9.84	-2.84	10.24	286
575	5.67	5.01	7.57	228	1575	8.10	1.56	8.25	259	2575	10.06	-3.37	10.61	288
600	5.64	4.53	7.24	231	1600	8.01	1.42	8.13	260	2600	10.43	-3.88	11.13	290
625	5.98	4.09	7.25	235	1625	7.57	1.33	7.69	260	2625	10.10	-4.32	10.98	293
650	6.48	3.72	7.47	240	1650	7.27	1.29	7.38	260	2650	9.37	-4.57	10.43	296
675	6.87	3.49	7.70	243	1675	7.17	1.24	7.28	260	2675	8.91	-4.68	10.06	298
700	7.21	3.35	7.95	245	1700	7.17	1.34	7.29	259	2700	8.66	-4.68	9.84	298
725	7.26	3.28	7.96	245	1725	7.47	1.27	7.58	260	2725	8.39	-4.78	9.65	299
750	7.17	2.93	7.74	248	1750	7.71	1.12	7.79	262	2750	7.81	-4.81	9.18	301
775	7.26	2.55	7.69	250	1775	7.72	0.99	7.78	263	2775	7.33	-4.65	8.68	302
800	7.50	2.46	7.90	252	1800	7.47	0.86	7.52	263	2800	7.03	-4.51	8.35	303
825	8.35	2.20	8.64	255	1825	7.22	0.88	7.27	263	2825	6.54	-4.28	7.81	303
850	9.50	1.74	9.66	259	1850	7.16	0.71	7.19	264	2850	6.11	-4.10	7.36	304
875	10.15	1.38	10.24	262	1875	7.06	0.54	7.08	265	2875	5.87	-3.97	7.08	304
900	10.31	1.11	10.37	264	1900	7.03	0.36	7.04	267	2900	5.71	-3.85	6.89	304
925	10.04	1.17	10.10	263	1925	7.06	0.09	7.06	269	2925	5.31	-3.60	6.42	304
950	9.74	1.11	9.80	263	1950	7.13	0.10	7.13	269	2950	4.85	-3.33	5.88	304
975	9.66	0.97	9.71	264	1975	7.14	0.13	7.14	269	2975	4.60	-3.20	5.61	305
1000	9.41	0.80	9.44	265	2000	7.03	0.00	7.03	270	3000	4.41	-3.04	5.36	304
1025	9.40	0.56	9.42	266	2025	6.87	-0.10	6.87	271	3025	4.25	-3.07	5.25	306
1050	9.75	0.62	9.77	266	2050	6.82	-0.15	6.82	271	3050	3.91	-3.19	5.04	309
1075	9.72	0.75	9.75	265	2075	6.87	-0.31	6.88	272	3075	3.54	-3.24	4.79	312
1100	9.51	0.74	9.54	265	2100	6.93	-0.59	6.95	275	3100	3.46	-3.21	4.72	313
1125	9.19	0.69	9.22	266	2125	6.98	-1.04	7.06	278	3125	3.52	-3.26	4.80	313
1150	9.00	0.63	9.02	266	2150	6.95	-1.40	7.09	281	3150	3.70	-3.29	4.95	311
1175	8.95	0.72	8.98	265	2175	6.95	-1.32	7.08	281	3175	3.86	-3.28	5.06	310

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2265 04/09/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	3.90	-3.22	5.06	309	4200	7.37	-9.08	11.69	321	5200	12.19	-11.59	16.82	313
3225	3.98	-3.01	4.99	307	4225	7.23	-9.00	11.54	321	5225	12.95	-11.78	17.51	312
3250	4.20	-2.88	5.09	304	4250	7.03	-9.08	11.49	322	5250	13.47	-11.82	17.92	311
3275	4.37	-2.77	5.18	302	4275	6.87	-9.20	11.49	323	5275	14.15	-11.72	18.37	309
3300	4.45	-2.73	5.22	301	4300	6.99	-9.22	11.56	323	5300	15.24	-11.47	19.08	307
3325	4.53	-2.72	5.29	301	4325	7.16	-9.26	11.70	322	5325	15.61	-11.28	19.26	306
3350	4.49	-2.66	5.22	300	4350	7.05	-9.28	11.65	323	5350	15.61	-11.37	19.31	306
3375	4.41	-2.55	5.09	300	4375	6.91	-9.20	11.51	323	5375	15.78	-11.65	19.62	306
3400	4.41	-2.52	5.08	300	4400	6.85	-9.27	11.53	323	5400	16.07	-11.85	19.96	306
3425	4.44	-2.65	5.17	301	4425	6.77	-9.24	11.46	324	5425	16.25	-11.90	20.14	306
3450	4.43	-2.68	5.18	301	4450	6.77	-9.02	11.28	323	5450	16.50	-11.64	20.19	305
3475	4.47	-2.71	5.23	301	4475	6.68	-9.04	11.24	323	5475	17.16	-11.72	20.78	304
3500	4.52	-2.79	5.31	301	4500	6.61	-9.35	11.45	325	5500	17.66	-12.06	21.38	304
3525	4.51	-2.84	5.33	302	4525	6.67	-9.80	11.85	326	5525	18.02	-11.98	21.64	303
3550	4.70	-2.96	5.55	302	4550	6.68	-10.22	12.21	327	5550	18.52	-11.97	22.05	303
3575	5.00	-3.59	6.16	306	4575	6.72	-10.39	12.38	327	5575	18.94	-12.08	22.46	302
3600	4.84	-4.16	6.38	311	4600	6.75	-10.39	12.39	327	5600	19.09	-12.02	22.56	302
3625	4.59	-4.33	6.31	313	4625	6.89	-10.25	12.35	326	5625	19.26	-11.79	22.58	301
3650	4.62	-4.50	6.45	314	4650	7.11	-10.12	12.36	325	5650	19.44	-11.57	22.62	301
3675	4.64	-4.49	6.45	314	4675	7.17	-10.04	12.34	324	5675	19.50	-11.47	22.62	300
3700	4.68	-4.44	6.45	313	4700	7.27	-9.89	12.27	324	5700	19.57	-11.36	22.62	300
3725	4.84	-4.57	6.66	313	4725	7.48	-9.68	12.24	322	5725	19.80	-11.11	22.70	299
3750	4.98	-4.76	6.89	314	4750	7.74	-9.58	12.31	321	5750	20.14	-10.80	22.86	298
3775	5.15	-4.72	6.98	312	4775	7.82	-9.57	12.36	321	5775	20.21	-10.59	22.82	297
3800	5.24	-4.97	7.22	313	4800	7.92	-9.46	12.34	320	5800	19.97	-10.49	22.56	298
3825	5.06	-5.48	7.46	317	4825	8.24	-9.35	12.46	318	5825	19.87	-10.47	22.46	298
3850	4.92	-5.73	7.56	319	4850	8.61	-9.28	12.66	317	5850	19.67	-10.35	22.23	298
3875	4.96	-5.86	7.68	320	4875	8.98	-9.13	12.81	315	5875	19.60	-10.48	22.22	298
3900	5.10	-5.89	7.79	319	4900	9.18	-8.91	12.79	314	5900	19.51	-10.67	22.24	298
3925	5.17	-5.94	7.88	319	4925	9.37	-8.90	12.92	313	5925	19.27	-10.78	22.08	299
3950	5.08	-6.42	8.18	321	4950	9.66	-9.17	13.32	313	5950	19.49	-10.92	22.34	299
3975	5.27	-7.16	8.89	323	4975	9.82	-9.35	13.56	313	5975	19.89	-10.95	22.70	299
4000	5.66	-7.75	9.60	324	5000	9.83	-9.47	13.65	314	6000	20.16	-11.09	23.00	299
4025	5.80	-8.09	9.95	324	5025	9.81	-9.73	13.82	315	6025	20.31	-11.22	23.21	299
4050	5.91	-8.52	10.37	325	5050	9.91	-10.06	14.12	315	6050	20.52	-11.20	23.38	298
4075	6.13	-9.15	11.02	326	5075	10.16	-10.35	14.50	315	6075	20.93	-11.29	23.78	298
4100	6.47	-9.71	11.67	326	5100	10.50	-10.57	14.90	315	6100	21.53	-11.36	24.35	298
4125	6.57	-9.87	11.86	326	5125	11.58	-11.55	16.35	315	6125	22.00	-11.40	24.78	297
4150	6.92	-9.75	11.96	324	5150	15.36	-15.24	21.64	315	6150	22.36	-11.32	25.06	297
4175	7.41	-9.43	11.99	322	5175	14.63	-14.29	20.45	314	6175	22.33	-11.07	24.92	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-77 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2265 04/09/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	22.24	-11.32	24.96	297	7200	20.67	-16.84	26.67	309	8200	23.66	-14.34	27.67	301
6225	22.46	-11.80	25.37	298	7225	20.72	-16.72	26.63	309	8225	23.80	-14.25	27.74	301
6250	22.55	-12.08	25.58	298	7250	20.81	-16.84	26.77	309	8250	23.90	-14.19	27.80	301
6275	22.30	-12.08	25.37	298	7275	20.76	-17.01	26.85	309	8275	23.93	-14.29	27.88	301
6300	21.89	-11.73	24.83	298	7300	20.92	-17.16	27.06	309	8300	23.87	-14.37	27.86	301
6325	21.87	-11.45	24.69	297	7325	21.28	-17.06	27.27	309	8325	23.72	-14.44	27.77	301
6350	21.96	-11.11	24.61	297	7350	21.46	-17.01	27.38	308	8350	23.71	-14.57	27.83	301
6375	21.83	-10.81	24.36	296	7375	21.61	-17.23	27.64	308	8375	23.80	-14.51	27.87	301
6400	21.55	-10.75	24.09	296	7400	21.70	-17.28	27.74	308	8400	23.84	-14.65	27.98	301
6425	21.24	-10.60	23.74	296	7425	21.98	-17.17	27.89	308	8425	23.85	-14.66	28.00	301
6450	21.30	-10.56	23.78	296	7450	22.10	-16.99	27.88	307	8450	23.93	-14.42	27.94	301
6475	21.49	-10.80	24.05	297	7475	22.13	-16.95	27.88	307	8475	23.78	-14.47	27.84	301
6500	21.51	-10.88	24.10	297	7500	22.09	-16.96	27.85	307	8500	23.51	-14.48	27.61	301
6525	21.74	-10.81	24.28	296	7525	22.14	-17.00	27.91	307	8525	23.42	-14.34	27.46	301
6550	21.93	-10.72	24.41	296	7550	22.40	-17.21	28.25	307	8550	23.33	-14.20	27.31	301
6575	22.17	-10.67	24.61	296	7575	22.56	-17.51	28.56	308	8575	22.79	-14.38	26.95	302
6600	22.26	-10.77	24.73	296	7600	22.65	-17.64	28.71	308	8600	22.61	-14.59	26.91	303
6625	22.22	-10.85	24.72	296	7625	22.95	-17.59	28.91	307	8625	22.46	-14.54	26.76	303
6650	22.27	-10.92	24.80	296	7650	23.29	-17.38	29.06	307	8650	22.18	-14.31	26.40	303
6675	22.07	-11.00	24.66	296	7675	23.53	-17.15	29.12	306	8675	21.97	-13.87	25.98	302
6700	21.99	-11.00	24.59	296	7700	23.62	-17.11	29.17	306	8700	21.67	-13.56	25.56	302
6725	22.01	-11.13	24.67	297	7725	23.48	-17.08	29.04	306	8725	21.80	-13.07	25.42	301
6750	21.97	-11.29	24.70	297	7750	23.43	-16.96	28.92	306	8750	21.76	-12.87	25.28	300
6775	21.81	-11.56	24.68	298	7775	23.41	-16.74	28.78	305	8775	21.51	-12.65	24.95	300
6800	21.71	-11.83	24.72	298	7800	23.35	-16.36	28.52	305	8800	21.37	-12.27	24.64	300
6825	21.63	-11.92	24.69	299	7825	23.45	-16.16	28.48	304	8825	21.38	-11.96	24.50	299
6850	21.34	-12.06	24.51	299	7850	23.61	-15.98	28.51	304	8850	21.33	-11.51	24.24	298
6875	21.02	-12.21	24.31	300	7875	23.70	-15.78	28.47	303	8875	20.89	-11.31	23.75	298
6900	20.68	-12.44	24.14	301	7900	23.60	-15.68	28.34	303	8900	20.67	-10.65	23.25	297
6925	20.40	-12.69	24.03	302	7925	23.53	-15.41	28.13	303	8925	20.65	-10.44	23.14	297
6950	20.33	-13.05	24.16	303	7950	23.53	-15.17	27.99	303	8950	20.84	-10.75	23.44	297
6975	20.28	-13.42	24.32	303	7975	23.49	-15.21	27.98	303	8975	21.31	-10.50	23.75	296
7000	20.27	-13.62	24.43	304	8000	23.64	-15.21	28.11	303	9000	21.59	-10.44	23.99	296
7025	20.25	-13.85	24.53	304	8025	23.70	-15.00	28.05	302	9025	21.87	-10.45	24.24	295
7050	20.11	-14.22	24.63	305	8050	23.67	-14.66	27.84	302	9050	21.62	-10.61	24.09	296
7075	20.03	-14.80	24.90	306	8075	23.65	-14.41	27.70	301	9075	21.59	-10.48	24.00	296
7100	19.92	-15.47	25.22	308	8100	23.73	-14.37	27.74	301	9100	21.74	-10.43	24.11	295
7125	19.96	-15.96	25.55	308	8125	23.70	-14.35	27.71	301	9125	21.65	-10.65	24.13	296
7150	20.22	-16.40	26.04	309	8150	23.60	-14.30	27.60	301	9150	21.58	-10.31	23.91	295
7175	20.48	-16.77	26.47	309	8175	23.67	-14.31	27.66	301	9175	21.18	-10.28	23.55	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2265 04/09/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	20.88	-10.36	23.31	296	10200	20.94	-10.61	23.48	297	11200	23.04	-12.36	26.15	298
9225	20.47	-10.91	23.19	298	10225	20.81	-10.70	23.40	297	11225	22.69	-12.49	25.90	299
9250	20.16	-11.48	23.20	299	10250	20.41	-11.05	23.21	298	11250	22.38	-12.33	25.55	299
9275	20.15	-11.62	23.26	300	10275	20.34	-10.99	23.12	298	11275	22.12	-12.19	25.26	299
9300	20.11	-11.88	23.35	300	10300	20.52	-10.61	23.10	297	11300	21.65	-12.77	25.14	300
9325	20.16	-12.02	23.47	301	10325	20.45	-10.84	23.14	298	11325	20.98	-13.43	24.91	302
9350	20.18	-12.08	23.52	301	10350	20.41	-10.95	23.16	298	11350	20.86	-13.48	24.84	303
9375	20.08	-12.01	23.40	301	10375	20.50	-10.65	23.11	297	11375	20.92	-13.25	24.76	302
9400	19.97	-11.67	23.13	300	10400	20.48	-10.73	23.12	297	11400	20.59	-13.42	24.58	303
9425	20.01	-11.34	23.00	299	10425	20.25	-10.85	22.98	298	11425	20.45	-13.69	24.61	304
9450	19.81	-11.06	22.69	299	10450	20.20	-10.74	22.88	298	11450	20.54	-13.54	24.60	303
9475	19.44	-10.99	22.34	299	10475	20.49	-10.68	23.11	297	11475	20.27	-13.55	24.38	304
9500	19.41	-10.81	22.22	299	10500	20.29	-10.77	22.97	298	11500	19.48	-13.94	23.95	305
9525	19.39	-10.39	22.00	298	10525	20.25	-10.86	22.98	298	11525	19.30	-13.99	23.84	306
9550	19.39	-10.14	21.88	297	10550	20.66	-10.73	23.28	297	11550	19.48	-13.81	23.88	305
9575	19.35	-9.90	21.73	297	10575	20.69	-11.22	23.54	298	11575	19.61	-13.57	23.85	305
9600	19.16	-9.74	21.49	297	10600	20.68	-11.69	23.75	299	11600	19.15	-13.73	23.57	305
9625	18.99	-9.25	21.13	296	10625	20.83	-11.15	23.63	298	11625	18.38	-13.66	22.90	306
9650	18.76	-9.05	20.83	296	10650	20.68	-11.36	23.60	299	11650	18.53	-13.05	22.67	305
9675	18.56	-8.89	20.58	295	10675	20.51	-11.75	23.64	300	11675	19.13	-12.42	22.81	303
9700	18.67	-8.82	20.65	295	10700	20.77	-11.39	23.69	299	11700	19.17	-12.50	22.88	303
9725	18.91	-8.79	20.86	295	10725	20.92	-11.51	23.88	299	11725	19.53	-12.12	22.99	302
9750	19.04	-8.60	20.89	294	10750	21.15	-11.67	24.16	299	11750	20.02	-11.65	23.17	300
9775	19.01	-8.76	20.93	295	10775	21.34	-11.93	24.45	299	11775	20.26	-11.62	23.36	300
9800	18.80	-8.83	20.77	295	10800	21.45	-11.82	24.49	299	11800	20.50	-11.58	23.54	299
9825	18.82	-8.78	20.77	295	10825	21.60	-11.38	24.41	298	11825	20.59	-11.68	23.67	299
9850	19.01	-9.18	21.11	296	10850	22.01	-11.67	24.91	298	11850	20.91	-11.22	23.73	298
9875	19.27	-9.39	21.43	296	10875	22.57	-11.86	25.50	298	11875	20.53	-11.44	23.50	299
9900	19.53	-9.42	21.69	296	10900	22.65	-11.99	25.63	298	11900	20.96	-10.92	23.63	297
9925	19.61	-9.61	21.84	296	10925	22.66	-11.97	25.63	298	11925	21.47	-10.27	23.80	295
9950	19.82	-9.96	22.19	297	10950	22.74	-11.84	25.64	297	11950	21.15	-10.54	23.63	296
9975	20.09	-10.36	22.60	297	10975	22.51	-11.90	25.46	298	11975	21.70	-9.83	23.82	294
10000	20.38	-10.45	22.91	297	11000	22.61	-11.50	25.37	297	12000	22.56	-9.22	24.37	292
10025	20.14	-10.81	22.86	298	11025	22.72	-11.58	25.50	297	12025	22.57	-9.10	24.34	292
10050	20.55	-10.34	23.01	297	11050	22.47	-12.05	25.50	298	12050	22.68	-8.58	24.25	291
10075	20.83	-10.11	23.15	296	11075	22.53	-12.09	25.57	298	12075	23.11	-8.24	24.53	289
10100	20.78	-10.64	23.35	297	11100	22.72	-12.07	25.73	298	12100	23.28	-7.83	24.56	288
10125	21.17	-10.68	23.72	297	11125	22.93	-12.01	25.88	297	12125	23.29	-7.67	24.52	288
10150	21.27	-10.67	23.80	296	11150	22.54	-12.02	25.54	298	12150	23.27	-7.83	24.55	288
10175	21.12	-10.66	23.66	297	11175	22.63	-12.33	25.77	298	12175	23.31	-7.70	24.55	288

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-77 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2265 04/09/65, 0000Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	23.55	-7.32	24.66	287	13200	12.30	-16.73	20.76	323	14200	20.12	-27.94	34.43	324
12225	23.90	-6.92	24.88	286	13225	12.24	-17.04	20.98	324	14225	20.21	-27.99	34.52	324
12250	24.37	-7.23	25.42	286	13250	12.03	-17.48	21.22	325	14250	20.10	-28.17	34.60	324
12275	24.66	-7.85	25.88	287	13275	12.35	-17.84	21.69	325	14275	19.69	-28.74	34.83	325
12300	24.98	-7.86	26.19	287	13300	12.40	-18.09	21.93	325	14300	19.23	-29.08	34.87	326
12325	25.16	-7.59	26.28	287	13325	12.66	-18.39	22.32	325	14325	19.06	-28.93	34.64	326
12350	24.74	-8.13	26.04	288	13350	12.51	-18.82	22.60	326	14350	18.79	-29.04	34.59	327
12375	24.68	-8.48	26.10	289	13375	12.12	-19.42	22.89	328	14375	18.92	-29.08	34.69	327
12400	24.69	-8.51	26.12	289	13400	12.38	-19.93	23.46	328	14400	18.86	-29.07	34.65	327
12425	24.27	-9.47	26.06	291	13425	12.33	-19.93	23.44	328	14425	18.39	-29.39	34.67	328
12450	24.04	-10.32	26.16	293	13450	13.01	-19.11	23.12	326	14450	17.80	-29.49	34.44	329
12475	23.83	-10.20	25.92	293	13475	13.94	-18.00	22.76	322	14475	17.62	-29.29	34.18	329
12500	23.46	-10.45	25.69	294	13500	15.22	-16.46	22.42	317	14500	17.75	-29.34	34.29	329
12525	23.36	-11.21	25.91	295	13525	16.59	-15.71	22.85	313	14525	17.37	-29.42	34.16	329
12550	22.89	-11.51	25.62	297	13550	17.22	-15.16	22.94	311	14550	16.96	-29.13	33.71	330
12575	22.67	-11.44	25.40	297	13575	17.69	-14.67	22.98	309	14575	16.64	-28.96	33.40	330
12600	22.56	-11.92	25.51	298	13600	18.28	-14.67	23.44	309	14600	16.08	-28.47	32.70	330
12625	22.28	-12.45	25.52	299	13625	18.34	-15.23	23.84	310	14625	15.95	-28.00	32.23	330
12650	21.92	-12.34	25.15	299	13650	18.89	-15.39	24.36	309	14650	15.82	-27.04	31.33	329
12675	21.55	-12.62	24.97	300	13675	20.11	-15.36	25.30	307	14675	15.72	-25.98	30.37	329
12700	21.58	-13.18	25.29	301	13700	20.69	-16.07	26.20	308	14700	15.25	-25.23	29.49	329
12725	20.92	-13.64	24.97	303	13725	21.21	-16.84	27.08	308	14725	15.35	-24.69	29.08	328
12750	20.48	-13.44	24.50	303	13750	21.68	-17.22	27.68	308	14750	15.76	-24.12	28.82	327
12775	20.55	-13.06	24.35	302	13775	21.92	-18.08	28.42	309	14775	15.78	-24.09	28.80	327
12800	20.27	-13.43	24.32	303	13800	22.44	-18.79	29.27	310	14800	15.95	-23.95	28.78	326
12825	20.20	-13.11	24.08	303	13825	22.60	-19.95	30.14	311	14825	16.36	-23.68	28.78	325
12850	19.87	-12.78	23.62	303	13850	22.31	-20.57	30.35	313	14850	16.52	-23.99	29.13	325
12875	19.57	-13.41	23.72	304	13875	22.33	-21.30	30.86	313	14875	17.59	-22.97	28.93	322
12900	19.46	-13.20	23.51	304	13900	22.45	-22.02	31.45	314	14900	17.90	-21.98	28.35	321
12925	19.06	-13.06	23.11	304	13925	22.48	-22.54	31.84	315	14925	17.41	-21.60	27.75	321
12950	18.81	-13.23	22.99	305	13950	22.54	-23.46	32.53	316	14950	17.90	-20.74	27.39	319
12975	18.20	-13.13	22.44	306	13975	22.56	-24.21	33.09	317	14975	18.24	-20.36	27.33	318
13000	17.50	-13.36	22.02	307	14000	22.25	-25.02	33.48	318	15000	19.34	-20.96	28.52	317
13025	17.13	-14.16	22.22	309	14025	22.19	-25.62	33.90	319	15025	20.07	-21.60	29.49	317
13050	16.60	-14.95	22.34	312	14050	22.40	-25.99	34.31	319	15050	20.75	-22.08	30.30	317
13075	15.75	-15.06	21.79	314	14075	22.03	-26.75	34.65	320	15075	20.82	-22.25	30.47	317
13100	14.46	-15.81	21.43	317	14100	22.21	-27.63	35.45	321	15100	20.81	-23.03	31.04	318
13125	13.87	-16.28	21.39	319	14125	22.32	-28.50	36.20	322	15125	21.14	-23.53	31.63	318
13150	13.27	-15.97	20.76	320	14150	21.60	-28.77	35.97	323	15150	20.96	-23.36	31.39	318
13175	12.51	-15.97	20.28	322	14175	20.74	-28.28	35.07	324	15175	20.58	-22.79	30.71	318

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2265 04/09/65, 0000Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	21.01	-21.86	30.32	316	16200	20.23	-20.60	28.88	315	17200	17.67	-20.30	26.92	319
15225	21.02	-22.12	30.52	316	16225	20.75	-20.71	29.32	315	17225	16.55	-20.40	26.27	321
15250	20.81	-22.54	30.68	317	16250	20.51	-20.77	29.19	315	17250	15.43	-19.83	25.13	322
15275	21.73	-22.26	31.11	316	16275	20.10	-20.52	28.72	315	17275	14.21	-18.61	23.42	322
15300	21.88	-22.73	31.56	316	16300	15.56	-15.13	21.70	314	17300	13.79	-17.59	22.35	322
15325	21.78	-22.71	31.46	316	16325	15.94	-15.05	21.92	313	17325	13.58	-17.73	22.33	322
15350	21.84	-22.51	31.37	316	16350	20.66	-20.04	28.78	314	17350	13.06	-17.86	22.13	324
15375	21.73	-22.31	31.14	316	16375	20.67	-20.82	29.34	315	17375	12.99	-17.47	21.78	323
15400	22.05	-21.73	30.96	314	16400	20.00	-21.57	29.41	317	17400	13.69	-17.29	22.06	321
15425	22.14	-21.30	30.72	314	16425	19.93	-20.74	28.76	316	17425	13.90	-17.69	22.50	322
15450	21.90	-20.82	30.21	313	16450	20.81	-19.87	28.78	314	17450	13.28	-17.90	22.29	323
15475	21.35	-21.00	29.95	314	16475	20.54	-20.54	29.05	315	17475	12.11	-18.02	21.72	326
15500	21.12	-21.21	29.93	315	16500	19.84	-21.02	28.90	316	17500	10.64	-18.28	21.15	330
15525	21.09	-20.87	29.67	315	16525	18.96	-21.38	28.58	318	17525	9.56	-18.40	20.73	332
15550	20.30	-21.22	29.37	316	16550	19.39	-21.57	29.00	318	17550	7.78	-18.49	20.06	337
15575	20.08	-21.65	29.53	317	16575	19.21	-21.43	28.78	318	17575	6.86	-17.50	18.79	338
15600	20.19	-21.43	29.44	317	16600	18.88	-20.96	28.21	318	17600	6.14	-16.63	17.73	340
15625	19.90	-21.42	29.23	317	16625	18.53	-20.65	27.75	318	17625	5.15	-16.09	16.89	342
15650	20.11	-21.10	29.15	316	16650	17.96	-20.75	27.44	319	17650	5.18	-15.89	16.71	342
15675	19.90	-21.61	29.37	317	16675	18.50	-20.32	27.48	318					
15700	19.03	-22.22	29.26	319	16700	18.29	-20.19	27.25	318					
15725	19.08	-21.81	28.98	319	16725	17.59	-20.37	26.91	319					
15750	19.77	-21.29	29.06	317	16750	17.39	-19.65	26.24	318					
15775	19.74	-21.74	29.36	318	16775	17.48	-19.35	26.07	318					
15800	18.99	-22.52	29.46	320	16800	17.41	-19.91	26.45	319					
15825	19.05	-21.72	28.88	319	16825	17.18	-19.71	26.14	319					
15850	19.35	-21.70	29.08	318	16850	17.68	-19.55	26.36	318					
15875	19.39	-21.95	29.29	318	16875	17.72	-19.70	26.50	318					
15900	20.05	-21.80	29.62	317	16900	17.53	-19.11	25.93	317					
15925	19.93	-21.95	29.64	318	16925	17.76	-18.81	25.87	316					
15950	19.36	-22.29	29.53	319	16950	18.27	-18.74	26.17	316					
15975	19.20	-22.04	29.23	319	16975	18.68	-19.45	26.97	316					
16000	18.40	-21.53	28.32	319	17000	18.66	-19.20	26.77	316					
16025	18.65	-21.66	28.58	319	17025	18.58	-18.75	26.40	315					
16050	19.61	-21.01	28.74	317	17050	19.82	-17.97	26.76	312					
16075	19.56	-20.84	28.59	317	17075	19.35	-18.78	26.96	314					
16100	18.33	-21.21	28.03	319	17100	19.04	-18.93	26.84	315					
16125	18.87	-21.29	28.45	318	17125	19.42	-18.53	26.85	313					
16150	19.47	-21.27	28.83	317	17150	19.16	-18.83	26.86	314					
16175	20.07	-20.85	28.94	316	17175	18.74	-19.14	26.79	315					

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-78

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2425 04/09/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
150	6.95	-0.23	6.95	272	1150	12.55	5.60	13.74	246	2150	10.98	-4.46	11.85	292
175	7.40	-0.22	7.40	272	1175	12.24	5.60	13.46	245	2175	11.19	-4.83	12.19	293
200	7.96	0.24	7.96	268	1200	11.96	5.42	13.13	245	2200	11.13	-5.21	12.28	295
225	8.54	0.28	8.55	268	1225	11.80	5.31	12.93	246	2225	10.63	-5.47	11.95	297
250	9.41	-0.36	9.42	272	1250	12.29	5.36	13.41	246	2250	10.22	-5.56	11.63	298
275	10.10	-0.63	10.12	273	1275	12.96	5.33	14.01	247	2275	10.01	-5.65	11.49	299
300	10.29	-1.03	10.34	276	1300	13.26	5.20	14.25	248	2300	9.97	-5.49	11.38	299
325	10.30	-1.56	10.42	278	1325	13.65	4.84	14.48	250	2325	10.12	-5.11	11.34	297
350	10.46	-1.86	10.63	280	1350	14.02	4.17	14.63	253	2350	10.27	-4.88	11.38	295
375	10.44	-2.20	10.67	282	1375	14.29	3.59	14.74	256	2375	9.98	-4.87	11.10	296
400	10.60	-2.37	10.86	282	1400	14.46	3.07	14.78	258	2400	9.41	-4.92	10.62	297
425	11.41	-2.64	11.72	283	1425	14.63	2.55	14.85	260	2425	9.21	-4.95	10.45	298
450	11.44	-2.72	11.76	283	1450	14.58	2.23	14.75	261	2450	9.03	-5.20	10.42	300
475	10.84	-2.40	11.10	282	1475	14.32	1.99	14.46	262	2475	8.65	-5.25	10.12	301
500	10.57	-2.23	10.81	282	1500	14.15	1.82	14.26	262	2500	8.73	-5.70	10.42	303
525	10.17	-2.10	10.39	281	1525	13.92	1.79	14.04	263	2525	9.02	-6.67	11.22	306
550	10.09	-1.96	10.28	281	1550	13.55	1.68	13.65	263	2550	8.90	-7.26	11.49	309
575	10.63	-1.87	10.80	280	1575	13.16	1.53	13.25	263	2575	8.68	-7.39	11.40	310
600	11.34	-1.73	11.47	279	1600	12.86	1.36	12.93	264	2600	8.30	-7.40	11.12	312
625	11.70	-1.52	11.80	277	1625	12.54	1.25	12.60	264	2625	7.81	-7.61	10.90	314
650	11.67	-1.30	11.75	276	1650	12.65	0.83	12.68	266	2650	7.53	-7.85	10.88	316
675	11.50	-0.71	11.53	273	1675	13.12	-0.04	13.12	270	2675	7.50	-8.06	11.01	317
700	11.37	0.42	11.38	268	1700	13.47	-0.85	13.50	273	2700	7.57	-8.24	11.19	317
725	11.58	1.29	11.66	263	1725	13.76	-1.54	13.85	276	2725	7.59	-8.23	11.19	317
750	11.84	1.55	11.94	262	1750	13.77	-2.00	13.91	278	2750	7.66	-8.09	11.14	316
775	11.93	1.84	12.07	261	1775	13.49	-2.24	13.68	279	2775	7.96	-7.97	11.26	315
800	12.28	2.14	12.46	260	1800	13.40	-2.32	13.60	280	2800	8.26	-7.68	11.28	313
825	12.59	2.45	12.83	259	1825	13.51	-2.47	13.74	280	2825	8.54	-7.25	11.20	310
850	12.73	2.99	13.08	257	1850	13.43	-2.87	13.73	282	2850	8.82	-6.88	11.19	308
875	12.94	3.13	13.31	256	1875	13.33	-3.05	13.68	283	2875	9.05	-6.82	11.33	307
900	13.22	3.11	13.58	257	1900	13.45	-3.07	13.79	283	2900	9.16	-6.85	11.43	307
925	13.26	3.51	13.72	255	1925	13.39	-3.35	13.80	284	2925	9.23	-6.68	11.39	306
950	13.20	3.82	13.74	254	1950	13.04	-3.54	13.51	285	2950	9.30	-6.60	11.40	305
975	13.28	4.15	13.91	252	1975	12.55	-3.62	13.06	286	2975	9.35	-6.57	11.43	305
1000	13.51	4.65	14.29	251	2000	12.23	-3.80	12.81	287	3000	9.34	-6.39	11.32	304
1025	13.54	4.91	14.40	250	2025	11.89	-3.96	12.54	288	3025	9.51	-5.96	11.22	302
1050	13.21	4.98	14.12	249	2050	11.37	-4.03	12.07	289	3050	9.77	-5.69	11.31	300
1075	12.96	5.03	13.90	249	2075	11.24	-4.06	11.95	290	3075	9.79	-5.49	11.22	299
1100	12.90	5.14	13.89	248	2100	11.36	-4.24	12.12	290	3100	9.90	-5.24	11.20	298
1125	12.87	5.39	13.95	247	2125	11.12	-4.34	11.94	291	3125	10.11	-4.96	11.26	296

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2425 04/09/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3150	10.31	-4.87	11.40	295	4150	8.30	-4.60	9.49	299	5150	11.92	-6.88	13.76	300
3175	10.47	-4.69	11.47	294	4175	8.15	-4.66	9.39	300	5175	12.05	-7.07	13.97	300
3200	10.46	-4.18	11.26	292	4200	8.08	-4.62	9.31	300	5200	12.14	-7.27	14.15	301
3225	10.58	-3.86	11.26	290	4225	8.07	-4.74	9.36	300	5225	12.11	-7.47	14.23	301
3250	10.67	-3.54	11.24	288	4250	8.34	-4.94	9.70	300	5250	12.22	-7.73	14.46	302
3275	10.71	-3.17	11.17	286	4275	8.53	-4.93	9.85	300	5275	12.30	-8.12	14.74	303
3300	10.83	-2.71	11.16	284	4300	8.28	-4.90	9.62	300	5300	12.21	-8.50	14.87	305
3325	11.05	-2.37	11.30	282	4325	7.97	-4.81	9.31	301	5325	12.01	-8.75	14.87	306
3350	10.99	-2.29	11.22	282	4350	8.07	-4.71	9.34	300	5350	11.85	-9.05	14.92	307
3375	10.74	-2.13	10.95	281	4375	8.15	-4.71	9.42	300	5375	12.10	-9.44	15.35	308
3400	10.82	-1.94	11.00	280	4400	8.09	-4.66	9.34	300	5400	12.14	-9.74	15.56	309
3425	10.85	-2.00	11.03	280	4425	8.10	-4.67	9.35	300	5425	11.86	-9.75	15.35	309
3450	10.59	-2.11	10.79	281	4450	8.14	-4.50	9.30	299	5450	11.66	-9.47	15.02	309
3475	10.31	-2.13	10.53	281	4475	8.44	-4.46	9.55	298	5475	11.85	-9.44	15.15	308
3500	10.36	-2.23	10.60	282	4500	8.67	-4.62	9.83	298	5500	12.60	-9.45	15.75	307
3525	10.38	-2.39	10.66	283	4525	8.76	-4.69	9.94	298	5525	13.26	-9.24	16.16	305
3550	10.29	-2.49	10.59	283	4550	8.95	-4.71	10.12	298	5550	13.70	-9.02	16.41	303
3575	10.37	-2.47	10.66	283	4575	8.88	-4.74	10.06	298	5575	14.35	-8.79	16.83	301
3600	10.53	-2.47	10.82	283	4600	8.53	-4.77	9.77	299	5600	14.94	-8.61	17.25	300
3625	10.53	-2.54	10.83	283	4625	8.45	-4.67	9.66	299	5625	15.30	-8.34	17.43	298
3650	10.42	-2.63	10.75	284	4650	8.54	-4.72	9.76	299	5650	15.90	-8.14	17.86	297
3675	10.21	-2.69	10.56	285	4675	8.60	-4.78	9.84	299	5675	16.33	-7.96	18.16	296
3700	9.38	-2.87	9.81	287	4700	8.66	-4.83	9.92	299	5700	16.25	-7.82	18.03	296
3725	8.82	-3.10	9.34	289	4725	8.46	-4.86	9.76	300	5725	16.27	-7.98	18.12	296
3750	8.93	-3.23	9.49	290	4750	8.19	-4.87	9.53	301	5750	16.36	-8.17	18.29	296
3775	9.34	-3.26	9.90	289	4775	8.28	-5.22	9.79	302	5775	16.31	-8.34	18.32	297
3800	9.79	-3.34	10.35	289	4800	8.85	-5.66	10.51	302	5800	16.37	-8.49	18.44	297
3825	9.85	-3.43	10.43	289	4825	9.51	-5.84	11.17	301	5825	16.80	-8.52	18.83	297
3850	9.71	-3.31	10.25	289	4850	9.82	-5.84	11.43	301	5850	17.35	-8.48	19.31	296
3875	9.69	-3.20	10.21	288	4875	9.83	-5.89	11.46	301	5875	17.74	-8.39	19.63	295
3900	9.68	-3.21	10.20	288	4900	9.83	-6.00	11.52	301	5900	18.01	-8.27	19.82	294
3925	9.45	-3.14	9.96	288	4925	9.84	-6.13	11.60	302	5925	18.37	-8.34	20.17	294
3950	9.24	-3.07	9.73	288	4950	10.03	-6.26	11.83	302	5950	18.71	-8.50	20.55	294
3975	9.16	-3.20	9.70	289	4975	10.32	-6.38	12.13	302	5975	19.13	-8.78	21.05	294
4000	9.14	-3.50	9.79	291	5000	10.40	-6.55	12.29	302	6000	19.41	-9.02	21.41	295
4025	8.90	-3.70	9.64	292	5025	10.64	-6.63	12.53	302	6025	19.24	-9.14	21.30	295
4050	8.68	-3.85	9.50	294	5050	11.02	-6.60	12.84	301	6050	19.43	-9.33	21.56	295
4075	8.54	-4.23	9.53	296	5075	11.35	-6.60	13.13	300	6075	19.60	-9.20	21.65	295
4100	8.20	-4.64	9.42	299	5100	11.53	-6.70	13.34	300	6100	19.64	-8.77	21.51	294
4125	8.26	-4.62	9.47	299	5125	11.68	-6.79	13.52	300	6125	19.62	-8.38	21.33	293

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-78 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2425 04/09/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6150	19.42	-7.95	20.99	292	7150	20.18	-10.28	22.65	297	8150	21.49	-16.06	26.83	307
6175	19.67	-7.72	21.13	291	7175	20.92	-10.53	23.42	297	8175	21.25	-15.93	26.56	307
6200	19.92	-7.80	21.39	291	7200	21.36	-10.88	23.97	297	8200	21.16	-15.78	26.40	307
6225	19.86	-7.88	21.36	291	7225	21.62	-11.68	24.58	298	8225	21.11	-15.66	26.28	306
6250	19.75	-7.77	21.22	291	7250	21.74	-12.05	24.86	299	8250	21.03	-15.72	26.25	307
6275	19.76	-7.54	21.15	291	7275	21.20	-11.74	24.24	299	8275	21.26	-15.62	26.38	306
6300	19.62	-7.42	20.98	291	7300	21.08	-11.83	24.18	299	8300	21.64	-15.44	26.58	305
6325	19.71	-7.27	21.01	290	7325	20.95	-12.08	24.19	300	8325	21.74	-15.42	26.66	305
6350	19.93	-7.25	21.21	290	7350	21.09	-12.35	24.45	300	8350	21.89	-15.28	26.70	305
6375	20.02	-7.32	21.32	290	7375	21.46	-13.21	25.20	301	8375	22.20	-15.25	26.94	304
6400	20.21	-7.40	21.53	290	7400	21.15	-13.36	25.01	302	8400	22.44	-15.21	27.11	304
6425	20.28	-7.58	21.65	290	7425	21.14	-13.28	24.97	302	8425	22.60	-14.94	27.09	303
6450	20.22	-7.63	21.61	290	7450	21.26	-13.63	25.26	302	8450	22.63	-14.87	27.08	303
6475	20.55	-7.61	21.92	290	7475	21.23	-13.88	25.36	303	8475	22.84	-14.92	27.28	303
6500	20.59	-7.53	21.93	290	7500	21.33	-13.88	25.45	303	8500	23.08	-15.08	27.57	303
6525	20.23	-7.40	21.54	290	7525	21.21	-13.77	25.29	303	8525	23.39	-15.17	27.87	303
6550	20.01	-7.50	21.37	290	7550	20.96	-13.70	25.04	303	8550	23.88	-15.09	28.25	302
6575	19.72	-7.68	21.16	291	7575	20.78	-13.70	24.89	303	8575	24.17	-15.15	28.53	302
6600	19.66	-7.85	21.17	292	7600	20.87	-14.04	25.15	304	8600	24.49	-15.49	28.98	302
6625	19.88	-8.07	21.45	292	7625	20.91	-14.12	25.23	304	8625	24.82	-15.70	29.37	302
6650	19.96	-8.19	21.58	292	7650	20.78	-13.88	24.99	304	8650	25.08	-15.41	29.43	301
6675	19.85	-8.32	21.52	293	7675	20.50	-14.09	24.87	304	8675	25.37	-14.93	29.44	300
6700	19.77	-8.42	21.49	293	7700	19.99	-14.33	24.60	305	8700	25.54	-15.12	29.68	300
6725	19.85	-8.58	21.62	293	7725	19.67	-14.55	24.47	306	8725	25.57	-15.28	29.78	301
6750	19.91	-8.76	21.75	294	7750	19.43	-14.90	24.49	307	8750	25.50	-15.01	29.59	300
6775	19.84	-8.83	21.71	294	7775	19.43	-15.13	24.63	308	8775	25.40	-14.91	29.46	300
6800	19.89	-9.03	21.85	294	7800	19.45	-15.13	24.64	308	8800	25.24	-14.55	29.13	300
6825	19.94	-9.23	21.98	295	7825	19.79	-15.18	24.95	307	8825	25.53	-13.91	29.07	298
6850	19.81	-9.39	21.92	295	7850	20.44	-15.44	25.61	307	8850	25.94	-14.00	29.48	298
6875	19.85	-9.52	22.02	295	7875	20.78	-15.57	25.97	307	8875	26.01	-14.29	29.67	299
6900	20.15	-9.71	22.37	296	7900	21.44	-15.60	26.51	306	8900	25.94	-14.90	29.92	300
6925	20.27	-9.98	22.59	296	7925	22.22	-15.73	27.22	305	8925	25.52	-15.43	29.82	301
6950	20.34	-10.03	22.67	296	7950	22.28	-16.08	27.48	306	8950	24.84	-15.60	29.33	302
6975	20.29	-10.08	22.65	296	7975	22.00	-16.46	27.47	307	8975	23.90	-15.62	28.55	303
7000	20.00	-10.08	22.39	297	8000	21.82	-16.44	27.32	307	9000	23.12	-15.54	27.86	304
7025	20.02	-9.94	22.35	296	8025	21.96	-16.48	27.46	307	9025	22.69	-15.63	27.56	304
7050	20.03	-9.92	22.35	296	8050	21.93	-16.45	27.42	307	9050	22.38	-15.92	27.46	305
7075	19.90	-9.90	22.22	296	8075	21.79	-16.44	27.30	307	9075	22.21	-16.17	27.47	306
7100	19.98	-9.83	22.27	296	8100	21.62	-16.59	27.25	307	9100	22.18	-16.10	27.41	306
7125	20.02	-9.99	22.37	296	8125	21.47	-16.39	27.01	307	9125	22.26	-16.04	27.44	306

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2425 04/09/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9150	22.52	-15.76	27.49	305	10150	23.67	-7.81	24.92	288	11150	26.53	-11.15	28.78	293
9175	22.64	-15.69	27.55	305	10175	23.90	-7.44	25.03	287	11175	26.66	-11.09	28.87	292
9200	22.69	-15.56	27.52	304	10200	24.08	-7.25	25.15	287	11200	26.33	-10.80	28.46	292
9225	22.94	-15.24	27.54	303	10225	24.22	-7.27	25.28	287	11225	26.52	-10.57	28.54	292
9250	23.02	-14.90	27.42	303	10250	24.33	-7.28	25.39	286	11250	26.73	-10.55	28.74	291
9275	23.12	-14.32	27.20	302	10275	24.53	-7.13	25.55	286	11275	26.80	-10.53	28.79	291
9300	23.05	-13.88	26.90	301	10300	25.01	-7.16	26.01	286	11300	26.85	-10.88	28.97	292
9325	22.79	-14.12	26.81	302	10325	25.68	-7.06	26.63	285	11325	26.82	-11.23	29.07	293
9350	22.70	-14.13	26.74	302	10350	25.88	-6.82	26.76	285	11350	26.76	-10.98	28.93	292
9375	22.67	-13.72	26.50	301	10375	25.74	-6.86	26.63	285	11375	26.67	-10.69	28.73	292
9400	22.60	-13.23	26.19	300	10400	25.61	-7.04	26.56	285	11400	26.53	-11.06	28.74	292
9425	22.57	-12.76	25.93	299	10425	25.58	-7.25	26.58	286	11425	26.71	-11.58	29.11	293
9450	22.45	-12.38	25.64	299	10450	25.56	-7.17	26.54	285	11450	26.84	-11.60	29.24	293
9475	22.49	-11.80	25.40	297	10475	25.56	-7.38	26.61	286	11475	26.56	-11.55	28.96	293
9500	22.31	-11.58	25.14	297	10500	25.58	-7.34	26.61	286	11500	26.63	-11.28	28.92	293
9525	22.12	-11.48	24.92	297	10525	25.43	-7.42	26.49	286	11525	26.73	-11.48	29.09	293
9550	22.20	-11.18	24.85	297	10550	25.33	-8.10	26.59	288	11550	26.76	-12.06	29.35	294
9575	22.12	-10.89	24.65	296	10575	25.80	-8.03	27.02	287	11575	26.50	-12.37	29.24	295
9600	22.08	-10.85	24.60	296	10600	25.83	-8.36	27.15	288	11600	26.47	-12.50	29.28	295
9625	21.97	-10.54	24.37	295	10625	25.63	-8.58	27.03	288	11625	26.72	-12.30	29.42	295
9650	22.25	-10.17	24.46	294	10650	25.88	-8.48	27.23	288	11650	26.83	-12.16	29.45	294
9675	22.57	-9.91	24.65	294	10675	25.80	-8.66	27.21	288	11675	26.84	-12.31	29.53	294
9700	22.69	-9.61	24.65	293	10700	25.89	-8.48	27.25	288	11700	26.87	-12.22	29.51	294
9725	22.92	-9.19	24.70	292	10725	26.02	-8.39	27.34	288	11725	27.24	-12.40	29.93	294
9750	22.89	-8.90	24.56	291	10750	26.02	-8.92	27.50	289	11750	27.42	-12.46	30.11	294
9775	22.83	-8.75	24.44	291	10775	25.98	-9.60	27.70	290	11775	26.97	-13.11	29.99	296
9800	22.65	-8.84	24.32	291	10800	26.27	-9.52	27.94	290	11800	26.65	-13.63	29.93	297
9825	22.64	-8.79	24.28	291	10825	26.47	-9.67	28.19	290	11825	26.79	-13.90	30.18	297
9850	22.89	-8.78	24.52	291	10850	26.31	-10.20	28.22	291	11850	26.79	-14.09	30.27	298
9875	23.01	-8.66	24.58	290	10875	26.23	-10.19	28.14	291	11875	26.72	-13.42	29.90	296
9900	22.88	-8.64	24.45	291	10900	26.74	-9.88	28.51	290	11900	27.22	-13.33	30.31	296
9925	22.79	-8.57	24.35	290	10925	26.87	-10.16	28.72	291	11925	27.27	-13.56	30.46	296
9950	22.89	-8.40	24.39	290	10950	26.76	-10.19	28.64	291	11950	26.85	-13.12	29.88	296
9975	23.11	-8.33	24.57	290	10975	27.13	-9.82	28.86	290	11975	26.92	-13.01	29.90	296
10000	23.47	-8.15	24.85	289	11000	27.05	-10.11	28.87	290	12000	27.32	-13.32	30.39	296
10025	23.70	-8.14	25.06	289	11025	26.81	-10.48	28.78	291	12025	27.96	-12.90	30.79	295
10050	23.82	-8.09	25.15	289	11050	26.81	-10.14	28.66	291	12050	28.02	-12.12	30.53	293
10075	23.59	-8.11	24.95	289	11075	26.86	-10.11	28.70	290	12075	27.77	-11.59	30.09	292
10100	23.38	-8.23	24.79	289	11100	26.79	-10.22	28.67	291	12100	28.16	-11.59	30.45	292
10125	23.55	-8.12	24.91	289	11125	26.47	-10.50	28.48	291	12125	28.74	-11.03	30.79	291

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-78 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2425 04/09/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12150	28.91	-10.32	30.69	289	13150	26.18	-9.91	27.99	291	14150	24.25	-22.76	33.26	313
12175	28.92	-9.85	30.55	289	13175	26.95	-9.60	28.61	289	14175	24.00	-22.90	33.17	313
12200	28.96	-10.07	30.66	289	13200	27.99	-9.80	29.65	289	14200	24.04	-22.52	32.94	313
12225	29.11	-9.83	30.72	288	13225	28.60	-11.31	30.75	291	14225	23.98	-22.40	32.81	313
12250	29.31	-9.51	30.82	288	13250	29.01	-12.72	31.68	293	14250	23.60	-22.38	32.53	313
12275	29.41	-9.18	30.81	287	13275	29.19	-13.97	32.36	295	14275	22.99	-22.22	31.97	314
12300	29.94	-8.75	31.20	286	13300	29.39	-14.75	32.88	296	14300	22.23	-22.71	31.78	315
12325	30.39	-8.27	31.49	285	13325	29.41	-15.68	33.33	298	14325	22.32	-22.38	31.61	315
12350	30.38	-7.97	31.41	285	13350	29.30	-16.62	33.69	299	14350	22.59	-22.13	31.63	314
12375	30.05	-8.27	31.17	285	13375	29.60	-17.64	34.45	301	14375	22.51	-21.80	31.33	314
12400	30.05	-8.33	31.18	285	13400	29.41	-18.32	34.65	302	14400	22.63	-21.23	31.03	313
12425	30.06	-7.95	31.10	285	13425	29.01	-18.06	34.17	302	14425	22.32	-21.60	31.06	314
12450	30.20	-7.37	31.08	284	13450	29.66	-18.51	34.97	302	14450	22.01	-22.03	31.14	315
12475	30.40	-7.56	31.32	284	13475	29.73	-19.29	35.44	303	14475	22.38	-21.35	30.93	313
12500	30.15	-7.88	31.17	284	13500	29.56	-20.88	36.19	305	14500	22.15	-20.91	30.46	313
12525	30.11	-7.87	31.12	284	13525	29.54	-21.68	36.65	306	14525	21.80	-20.83	30.15	314
12550	30.23	-7.89	31.25	284	13550	29.41	-22.37	36.95	307	14550	22.26	-20.70	30.40	313
12575	30.46	-6.99	31.25	283	13575	29.32	-22.81	37.15	308	14575	22.60	-20.27	30.36	312
12600	30.70	-6.79	31.44	282	13600	29.47	-23.24	37.53	308	14600	22.28	-20.86	30.52	313
12625	30.78	-6.82	31.53	282	13625	29.21	-23.94	37.77	309	14625	22.08	-20.89	30.40	313
12650	30.63	-6.79	31.37	282	13650	28.67	-25.29	38.23	311	14650	22.43	-19.81	29.93	311
12675	30.97	-6.20	31.58	281	13675	28.76	-25.48	38.42	311	14675	22.82	-18.94	29.65	310
12700	30.91	-5.40	31.38	280	13700	28.35	-25.56	38.17	312	14700	22.77	-18.43	29.29	309
12725	30.21	-5.80	30.76	281	13725	27.78	-26.53	38.41	314	14725	22.99	-18.13	29.28	308
12750	30.31	-6.48	31.00	282	13750	28.40	-26.76	39.02	313	14750	23.05	-18.01	29.26	308
12775	29.85	-6.94	30.65	283	13775	28.43	-27.27	39.39	314	14775	23.12	-17.44	28.96	307
12800	29.26	-8.57	30.49	286	13800	27.54	-28.47	39.61	316	14800	23.28	-17.33	29.02	306
12825	29.38	-9.87	30.99	288	13825	27.30	-28.06	39.15	316	14825	23.17	-17.47	29.01	307
12850	29.68	-11.05	31.67	290	13850	27.19	-27.56	38.71	315	14850	23.70	-17.15	29.25	306
12875	30.27	-10.98	32.20	290	13875	26.76	-26.80	37.87	315	14875	23.87	-16.68	29.12	305
12900	30.33	-10.65	32.15	289	13900	25.82	-26.35	36.89	315	14900	23.56	-16.64	28.85	305
12925	29.81	-10.64	31.65	289	13925	24.78	-26.57	36.33	317	14925	23.73	-17.15	29.28	306
12950	29.76	-10.42	31.53	289	13950	24.28	-24.37	34.41	315	14950	24.01	-17.20	29.54	305
12975	29.48	-10.07	31.15	289	13975	24.07	-23.32	33.51	314	14975	24.12	-15.81	28.84	303
13000	28.70	-9.74	30.31	289	14000	23.83	-23.17	33.24	314	15000	24.01	-15.99	28.85	303
13025	27.95	-9.57	29.54	289	14025	24.51	-21.63	32.69	311	15025	23.87	-16.70	29.13	305
13050	27.94	-9.21	29.42	288	14050	24.66	-21.77	32.89	311	15050	23.70	-15.93	28.55	304
13075	27.62	-9.39	29.17	289	14075	24.91	-23.18	34.03	313	15075	23.78	-15.88	28.60	304
13100	26.83	-9.92	28.60	290	14100	24.79	-23.38	34.07	313	15100	24.10	-16.00	28.92	303
13125	26.21	-9.93	28.03	291	14125	24.23	-23.18	33.54	314	15125	24.31	-16.51	29.38	304

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2425 04/09/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15150	24.40	-17.40	29.97	305	16150	14.55	-15.29	21.10	316					
15175	24.21	-18.35	30.38	307	16175	14.32	-15.76	21.29	318					
15200	24.16	-19.08	30.78	308	16200	14.59	-15.30	21.14	316					
15225	24.46	-19.71	31.42	309	16225	14.56	-14.63	20.64	315					
15250	24.56	-19.88	31.60	309	16250	14.39	-13.51	19.74	313					
15275	24.73	-19.25	31.34	308	16275	13.75	-12.39	18.51	312					
15300	25.04	-19.74	31.89	308	16300	12.60	-11.93	17.35	313					
15325	25.02	-21.06	32.70	310	16325	12.11	-11.30	16.56	313					
15350	24.33	-21.83	32.68	312	16350	12.43	-11.87	17.18	314					
15375	23.50	-21.09	31.57	312	16375	13.54	-10.89	17.38	309					
15400	23.86	-20.28	31.31	310	16400	14.04	-12.00	18.47	310					
15425	23.74	-20.49	31.36	311	16425	14.34	-14.64	20.49	315					
15450	23.31	-19.66	30.49	310										
15475	22.65	-18.78	29.43	309										
15500	21.88	-18.32	28.54	310										
15525	21.60	-16.96	27.46	308										
15550	21.03	-17.61	27.43	310										
15575	21.20	-17.78	27.66	310										
15600	21.81	-17.14	27.74	308										
15625	21.20	-17.69	27.61	310										
15650	21.06	-19.10	28.43	312										
15675	20.85	-19.95	28.86	314										
15700	20.45	-19.94	28.57	314										
15725	20.88	-19.39	28.49	313										
15750	20.46	-19.49	28.25	313										
15775	19.70	-19.17	27.49	314										
15800	18.97	-19.36	27.10	315										
15825	17.39	-19.88	26.41	319										
15850	17.95	-18.69	25.92	316										
15875	17.75	-18.41	25.58	316										
15900	16.83	-18.24	24.82	317										
15925	16.95	-16.78	23.85	315										
15950	17.09	-15.99	23.40	313										
15975	17.07	-15.14	22.82	311										
16000	17.35	-14.74	22.76	310										
16025	17.50	-14.55	22.75	310										
16050	17.09	-14.92	22.69	311										
16075	15.97	-16.16	22.72	315										
16100	15.09	-15.82	21.87	316										
16125	14.85	-15.14	21.20	315										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-79

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 2272-2 04/13/65, 1415Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	8.50	-3.10	9.04	290	1175	8.46	-6.60	10.73	308	2175	10.38	-3.86	11.08	290
200	8.56	-3.39	9.21	291	1200	8.40	-6.14	10.41	306	2200	10.38	-4.05	11.15	291
225	8.63	-3.46	9.30	292	1225	8.32	-5.96	10.24	305	2225	10.40	-4.24	11.24	292
250	8.75	-3.22	9.32	290	1250	8.10	-6.27	10.25	308	2250	10.61	-4.72	11.61	294
275	8.67	-3.32	9.29	291	1275	8.06	-6.24	10.19	308	2275	10.55	-4.99	11.67	295
300	8.70	-3.65	9.44	293	1300	7.53	-5.75	9.47	307	2300	10.46	-4.73	11.48	294
325	9.03	-3.68	9.75	292	1325	6.87	-5.59	8.86	309	2325	10.64	-4.39	11.51	292
350	9.39	-4.32	10.34	295	1350	6.84	-5.40	8.72	308	2350	10.67	-4.77	11.69	294
375	9.39	-5.27	10.77	299	1375	6.55	-5.62	8.64	310	2375	10.58	-5.21	11.80	296
400	8.33	-5.67	10.08	304	1400	6.11	-5.63	8.31	313	2400	10.93	-4.85	11.96	294
425	6.75	-6.12	9.11	312	1425	5.86	-5.46	8.01	313	2425	11.15	-5.16	12.28	295
450	5.39	-6.48	8.43	320	1450	5.79	-5.50	7.99	313	2450	11.40	-5.40	12.61	295
475	4.70	-6.73	8.21	325	1475	5.61	-5.19	7.64	313	2475	11.50	-5.51	12.75	295
500	4.61	-6.96	8.35	326	1500	5.28	-5.09	7.34	314	2500	11.55	-5.18	12.66	294
525	4.47	-7.10	8.39	328	1525	5.16	-4.93	7.14	314	2525	11.54	-5.32	12.71	295
550	4.39	-7.11	8.36	328	1550	5.18	-4.77	7.04	312	2550	11.18	-6.19	12.78	299
575	4.58	-7.35	8.66	328	1575	5.11	-4.55	6.84	312	2575	11.14	-5.72	12.52	297
600	4.90	-7.62	9.06	327	1600	4.80	-4.62	6.66	314	2600	11.00	-5.54	12.32	297
625	5.12	-7.59	9.15	326	1625	5.04	-4.48	6.74	311	2625	10.96	-5.92	12.45	298
650	4.97	-7.52	9.01	326	1650	5.24	-4.35	6.81	309	2650	10.95	-6.33	12.65	300
675	4.76	-7.52	8.90	327	1675	5.09	-3.99	6.47	308	2675	10.86	-6.45	12.63	301
700	4.79	-7.47	8.87	327	1700	5.14	-3.36	6.14	303	2700	11.00	-6.22	12.64	299
725	5.06	-7.40	8.96	325	1725	5.32	-2.96	6.09	299	2725	11.17	-6.42	12.88	300
750	5.59	-7.46	9.33	323	1750	5.60	-2.24	6.03	292	2750	10.81	-6.71	12.73	302
775	6.37	-7.49	9.83	319	1775	5.97	-1.56	6.17	284	2775	10.31	-6.49	12.19	302
800	7.07	-7.24	10.12	315	1800	6.35	-1.62	6.56	284	2800	9.98	-6.43	11.88	303
825	7.33	-6.90	10.07	313	1825	6.61	-2.79	7.18	293	2825	9.53	-6.82	11.72	305
850	7.49	-6.63	10.00	311	1850	7.22	-3.02	7.82	293	2850	9.59	-6.57	11.62	304
875	7.76	-6.28	9.99	309	1875	7.72	-3.35	8.41	293	2875	9.75	-6.57	11.76	304
900	7.96	-6.01	9.97	307	1900	8.12	-3.48	8.84	293	2900	10.16	-6.53	12.08	303
925	7.89	-6.24	10.05	308	1925	8.48	-2.61	8.88	287	2925	10.59	-6.85	12.61	303
950	8.10	-6.40	10.32	308	1950	8.47	-2.32	8.79	285	2950	11.32	-6.79	13.20	301
975	8.38	-6.44	10.57	307	1975	8.56	-2.26	8.85	285	2975	11.83	-6.74	13.61	299
1000	8.46	-6.39	10.61	307	2000	8.81	-2.48	9.16	286	3000	11.83	-7.25	13.88	301
1025	8.33	-6.27	10.43	307	2025	8.97	-2.51	9.32	285	3025	12.32	-6.84	14.09	299
1050	8.21	-6.27	10.33	307	2050	8.98	-2.84	9.42	287	3050	12.67	-6.92	14.44	298
1075	8.53	-6.29	10.60	306	2075	9.23	-3.12	9.74	288	3075	12.65	-7.05	14.49	299
1100	8.89	-6.29	10.89	305	2100	9.45	-3.27	9.99	289	3100	12.25	-7.56	14.40	302
1125	9.04	-6.25	10.99	304	2125	9.71	-3.63	10.37	290	3125	12.26	-8.22	14.76	304
1150	8.82	-6.60	11.02	307	2150	10.17	-3.70	10.82	290	3150	12.47	-8.34	15.00	304

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 2272-2 04/13/65, 1415Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	12.29	-8.04	14.69	303	4175	12.86	-10.85	16.83	310	5175	16.74	-9.94	19.47	301
3200	11.89	-8.02	14.34	304	4200	12.85	-10.61	16.66	309	5200	16.38	-10.35	19.38	302
3225	11.62	-7.98	14.09	304	4225	12.59	-10.31	16.27	309	5225	16.42	-10.40	19.43	302
3250	11.26	-8.23	13.94	306	4250	12.94	-10.13	16.43	308	5250	16.39	-10.34	19.37	302
3275	11.22	-8.59	14.13	307	4275	13.32	-10.59	17.02	308	5275	16.30	-10.40	19.34	302
3300	10.23	-8.60	13.36	310	4300	13.83	-10.42	17.31	307	5300	16.51	-10.47	19.55	302
3325	9.69	-9.01	13.23	313	4325	14.29	-9.85	17.36	304	5325	16.55	-10.47	19.58	302
3350	9.91	-9.50	13.73	314	4350	14.46	-10.09	17.63	305	5350	16.60	-10.26	19.52	302
3375	9.47	-9.87	13.67	316	4375	14.66	-9.89	17.68	304	5375	16.85	-10.43	19.82	302
3400	9.11	-10.11	13.61	318	4400	14.59	-9.55	17.44	303	5400	16.97	-10.52	19.97	302
3425	8.62	-9.99	13.20	319	4425	14.89	-9.30	17.55	302	5425	16.94	-10.42	19.89	301
3450	8.48	-9.82	12.97	319	4450	15.12	-9.61	17.92	302	5450	16.98	-10.17	19.79	301
3475	8.73	-9.64	13.01	318	4475	15.35	-9.67	18.14	302	5475	16.90	-9.97	19.62	300
3500	9.02	-9.43	13.05	316	4500	15.62	-9.31	18.19	301	5500	17.19	-9.83	19.80	300
3525	9.10	-9.49	13.15	316	4525	15.77	-9.21	18.26	300	5525	17.10	-9.66	19.64	299
3550	8.95	-9.87	13.32	318	4550	15.83	-9.09	18.26	300	5550	16.80	-9.56	19.33	299
3575	8.92	-10.29	13.62	319	4575	15.66	-9.04	18.08	300	5575	17.12	-8.90	19.29	297
3600	9.30	-10.77	14.23	319	4600	15.78	-9.05	18.19	300	5600	17.24	-8.63	19.28	296
3625	9.48	-11.28	14.73	320	4625	15.91	-8.83	18.19	299	5625	17.65	-8.75	19.70	296
3650	9.19	-11.51	14.73	321	4650	15.87	-8.69	18.09	299	5650	17.74	-8.75	19.78	296
3675	8.98	-11.65	14.71	322	4675	15.74	-8.98	18.12	300	5675	17.75	-8.27	19.58	295
3700	9.23	-11.73	14.93	322	4700	15.76	-8.66	17.98	299	5700	18.04	-7.95	19.71	294
3725	9.50	-11.58	14.98	320	4725	15.52	-8.45	17.67	298	5725	18.17	-8.06	19.88	294
3750	9.79	-11.21	14.88	319	4750	15.79	-7.98	17.69	297	5750	18.49	-7.81	20.07	293
3775	10.43	-10.67	14.92	315	4775	15.73	-8.12	17.70	297	5775	18.65	-7.52	20.11	292
3800	10.92	-10.31	15.02	313	4800	15.65	-7.86	17.52	296	5800	18.67	-7.49	20.11	292
3825	11.38	-9.92	15.10	311	4825	15.93	-7.58	17.64	295	5825	18.35	-7.37	19.77	292
3850	11.91	-9.81	15.43	309	4850	15.72	-8.13	17.70	297	5850	18.48	-7.15	19.82	291
3875	12.16	-10.04	15.77	309	4875	15.77	-8.03	17.70	297	5875	18.55	-7.45	19.99	292
3900	12.14	-10.06	15.77	309	4900	15.96	-7.85	17.79	296	5900	18.72	-7.66	20.22	292
3925	11.99	-10.28	15.79	310	4925	16.28	-7.92	18.10	296	5925	19.50	-7.31	20.83	290
3950	12.11	-10.44	15.99	311	4950	16.56	-8.01	18.40	296	5950	19.52	-8.45	21.27	293
3975	11.95	-10.58	15.96	311	4975	16.87	-8.16	18.74	296	5975	19.90	-9.16	21.90	295
4000	11.83	-10.59	15.88	312	5000	16.98	-8.81	19.13	297	6000	20.58	-8.47	22.25	292
4025	11.94	-10.84	16.13	312	5025	17.02	-9.15	19.33	298	6025	21.01	-8.57	22.69	292
4050	11.72	-11.19	16.21	313	5050	16.99	-9.05	19.25	298	6050	21.39	-8.79	23.13	292
4075	11.68	-11.40	16.32	314	5075	16.90	-9.26	19.27	299	6075	21.46	-8.89	23.23	292
4100	12.05	-11.63	16.75	314	5100	16.93	-9.67	19.50	300	6100	21.58	-8.75	23.29	292
4125	12.18	-11.73	16.91	314	5125	16.89	-9.84	19.55	300	6125	21.63	-8.99	23.42	292
4150	12.28	-11.44	16.78	313	5150	16.89	-9.73	19.50	300	6150	21.84	-9.32	23.74	293

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WIND SPEED, THETA = WIND DIRECTIØN

TABLE II-79 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-2 04/13/65, 1415Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	22.65	-9.03	24.38	292	7175	19.67	-7.90	21.19	292	8175	26.35	-10.35	28.31	291
6200	23.21	-8.92	24.87	291	7200	19.10	-7.64	20.57	292	8200	26.37	-9.89	28.16	290
6225	24.00	-9.00	25.63	290	7225	19.40	-6.28	20.40	288	8225	26.40	-9.34	28.00	289
6250	24.71	-9.10	26.33	290	7250	19.98	-6.07	20.88	287	8250	26.83	-8.35	28.10	287
6275	24.99	-8.96	26.54	290	7275	20.45	-6.80	21.55	288	8275	26.76	-8.06	27.95	287
6300	25.18	-8.74	26.65	289	7300	21.18	-6.39	22.12	287	8300	26.31	-8.80	27.74	288
6325	25.19	-8.88	26.71	289	7325	21.84	-5.85	22.61	285	8325	26.75	-8.77	28.15	288
6350	25.24	-9.09	26.83	290	7350	21.96	-6.23	22.82	286	8350	27.03	-8.62	28.37	288
6375	25.40	-9.40	27.09	290	7375	22.47	-5.85	23.22	284	8375	27.38	-7.83	28.48	286
6400	25.69	-9.16	27.27	289	7400	22.76	-5.88	23.51	284	8400	27.16	-8.20	28.37	287
6425	25.93	-8.55	27.30	288	7425	22.55	-6.66	23.52	286	8425	27.18	-8.92	28.61	288
6450	26.12	-8.59	27.49	288	7450	23.01	-7.01	24.05	287	8450	27.68	-8.73	29.02	287
6475	26.04	-8.73	27.47	288	7475	23.19	-7.91	24.50	289	8475	27.89	-8.73	29.22	287
6500	26.17	-8.61	27.55	288	7500	23.40	-8.85	25.01	291	8500	27.40	-10.19	29.24	290
6525	26.33	-8.53	27.68	288	7525	23.90	-8.67	25.42	290	8525	27.36	-10.61	29.35	291
6550	26.59	-8.52	27.92	288	7550	23.85	-9.00	25.49	290	8550	27.94	-9.64	29.55	289
6575	26.71	-8.83	28.14	288	7575	24.11	-9.20	25.81	291	8575	27.23	-11.58	29.59	293
6600	26.77	-9.04	28.25	288	7600	23.97	-8.99	25.60	290	8600	27.52	-11.86	29.97	293
6625	27.04	-9.07	28.52	288	7625	23.49	-9.05	25.17	291	8625	28.12	-11.18	30.26	292
6650	27.04	-9.07	28.52	288	7650	23.49	-9.23	25.24	291	8650	27.91	-12.24	30.48	294
6675	27.16	-8.81	28.56	288	7675	23.35	-9.94	25.38	293	8675	28.39	-12.48	31.02	294
6700	27.26	-8.79	28.64	288	7700	23.72	-9.28	25.47	291	8700	28.71	-12.98	31.51	294
6725	26.79	-9.36	28.38	289	7725	24.28	-8.14	25.60	288	8725	29.16	-12.34	31.66	293
6750	26.24	-9.75	28.00	290	7750	24.69	-7.91	25.93	288	8750	29.02	-12.71	31.68	293
6775	25.88	-9.39	27.53	290	7775	24.74	-8.81	26.26	289	8775	28.78	-13.38	31.73	295
6800	25.41	-8.72	26.87	289	7800	24.79	-9.58	26.58	291	8800	29.37	-12.20	31.80	292
6825	24.74	-8.63	26.21	289	7825	25.35	-9.54	27.09	290	8825	29.11	-12.70	31.76	293
6850	24.03	-8.21	25.39	289	7850	25.87	-9.75	27.64	290	8850	29.01	-12.60	31.63	293
6875	23.64	-7.90	24.92	288	7875	25.73	-10.67	27.85	292	8875	29.08	-12.22	31.55	293
6900	23.40	-8.44	24.88	290	7900	25.77	-11.03	28.03	293	8900	29.48	-11.74	31.73	292
6925	23.10	-8.45	24.60	290	7925	26.20	-10.33	28.16	291	8925	30.34	-11.21	32.34	290
6950	22.80	-8.92	24.49	291	7950	25.54	-11.06	27.83	293	8950	30.25	-12.43	32.71	292
6975	21.90	-10.31	24.21	295	7975	25.55	-11.30	27.94	294	8975	30.69	-12.20	33.02	291
7000	21.41	-9.61	23.47	294	8000	25.94	-11.26	28.28	293	9000	31.18	-12.26	33.50	291
7025	20.86	-8.33	22.46	292	8025	25.72	-11.68	28.25	294	9025	31.19	-13.06	33.81	293
7050	20.17	-8.47	21.87	293	8050	26.03	-10.97	28.25	293	9050	31.65	-12.23	33.94	291
7075	19.67	-8.62	21.48	293	8075	25.95	-11.48	28.38	294	9075	31.56	-12.27	33.86	291
7100	18.85	-9.04	20.91	295	8100	25.83	-11.99	28.48	295	9100	31.33	-12.48	33.72	292
7125	19.23	-8.53	21.04	294	8125	26.08	-11.57	28.53	294	9125	31.15	-12.58	33.60	292
7150	19.98	-7.63	21.39	291	8150	26.20	-10.99	28.41	293	9150	31.13	-12.73	33.63	292

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-2 04/13/65, 1415Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	31.65	-12.25	33.94	291	10175	31.67	-18.30	36.58	300	11175	34.48	-18.05	38.92	297
9200	32.04	-11.93	34.19	290	10200	31.67	-17.56	36.21	299	11200	34.91	-17.80	39.18	297
9225	32.05	-12.22	34.30	291	10225	32.13	-16.79	36.25	297	11225	34.49	-18.40	39.09	298
9250	32.32	-12.07	34.50	290	10250	31.58	-18.22	36.46	300	11250	34.34	-18.17	38.85	298
9275	32.04	-12.76	34.49	292	10275	32.18	-17.28	36.52	298	11275	33.97	-18.20	38.54	298
9300	31.76	-13.04	34.34	292	10300	32.34	-16.97	36.52	298	11300	34.14	-17.66	38.43	297
9325	32.21	-12.06	34.40	290	10325	32.47	-17.27	36.78	298	11325	34.78	-16.66	38.56	295
9350	31.87	-12.90	34.38	292	10350	32.73	-17.63	37.18	298	11350	34.41	-18.19	38.92	298
9375	31.90	-13.18	34.52	292	10375	32.60	-18.01	37.25	299	11375	35.16	-17.10	39.09	296
9400	32.00	-13.62	34.78	293	10400	33.07	-16.94	37.16	297	11400	36.17	-15.36	39.29	293
9425	32.52	-13.63	35.26	293	10425	33.00	-17.21	37.22	297	11425	36.37	-16.06	39.76	294
9450	32.90	-13.21	35.45	292	10450	33.34	-16.81	37.34	297	11450	35.90	-17.33	39.86	296
9475	32.45	-14.04	35.36	293	10475	33.34	-16.82	37.34	297	11475	36.11	-17.33	40.05	295
9500	32.31	-14.48	35.41	294	10500	33.35	-16.68	37.29	296	11500	37.02	-16.06	40.35	293
9525	32.44	-13.85	35.27	293	10525	33.86	-15.95	37.43	295	11525	37.01	-16.68	40.59	294
9550	32.23	-14.52	35.35	294	10550	33.96	-15.86	37.48	295	11550	37.49	-16.07	40.79	293
9575	32.27	-14.99	35.58	295	10575	33.20	-16.89	37.25	297	11575	37.57	-16.28	40.95	293
9600	32.11	-14.96	35.43	295	10600	33.27	-16.59	37.18	296	11600	36.52	-18.20	40.80	296
9625	31.80	-14.88	35.11	295	10625	33.68	-16.25	37.40	296	11625	35.91	-19.71	40.96	299
9650	31.80	-15.26	35.27	295	10650	33.64	-16.71	37.57	296	11650	37.55	-17.30	41.34	295
9675	31.77	-16.03	35.59	297	10675	33.30	-16.57	37.20	296	11675	37.97	-15.87	41.15	293
9700	31.33	-16.29	35.31	297	10700	33.61	-15.81	37.14	295	11700	36.80	-18.64	41.25	297
9725	30.92	-16.26	34.94	298	10725	34.05	-15.83	37.55	295	11725	37.79	-17.38	41.60	295
9750	30.72	-16.25	34.76	298	10750	33.16	-16.94	37.24	297	11750	38.15	-17.54	41.99	295
9775	30.24	-16.99	34.68	299	10775	32.86	-16.70	36.86	297	11775	37.75	-18.88	42.21	296
9800	30.41	-16.89	34.79	299	10800	32.99	-15.81	36.59	295	11800	38.28	-17.67	42.16	295
9825	30.36	-17.17	34.88	299	10825	32.84	-16.35	36.69	296	11825	37.39	-19.09	41.98	297
9850	30.21	-17.07	34.70	299	10850	33.63	-16.14	37.30	295	11850	37.67	-17.65	41.60	295
9875	29.69	-18.00	34.72	301	10875	33.25	-17.67	37.65	298	11875	38.25	-16.43	41.63	293
9900	30.06	-17.91	34.99	301	10900	33.34	-16.72	37.30	296	11900	37.94	-17.72	41.88	295
9925	30.52	-17.14	35.00	299	10925	33.82	-15.70	37.28	295	11925	38.54	-17.30	42.25	294
9950	30.28	-17.74	35.09	300	10950	33.00	-17.92	37.55	298	11950	38.34	-17.31	42.07	294
9975	30.71	-17.46	35.33	299	10975	33.59	-16.79	37.56	296	11975	37.29	-19.12	41.90	297
10000	30.78	-18.11	35.72	300	11000	33.66	-17.10	37.76	297	12000	38.16	-18.41	42.37	296
10025	30.85	-18.04	35.74	300	11025	33.84	-17.15	37.94	297	12025	39.12	-17.15	42.72	293
10050	31.22	-17.71	35.89	299	11050	33.59	-17.12	37.70	297	12050	39.17	-17.31	42.83	294
10075	31.80	-17.90	36.50	299	11075	33.38	-16.82	37.38	297	12075	39.00	-17.32	42.67	294
10100	32.38	-17.66	36.88	298	11100	33.34	-17.43	37.62	297	12100	38.19	-18.35	42.37	295
10125	32.55	-18.12	37.26	299	11125	33.60	-17.76	38.00	298	12125	37.83	-19.13	42.39	297
10150	32.63	-17.72	37.13	298	11150	34.24	-17.08	38.27	296	12150	37.83	-19.37	42.50	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-79 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE

TEST NUMBER 2272-2 04/13/65, 1415Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	38.13	-18.75	42.49	296	13175	29.47	-19.58	35.38	303					
12200	38.24	-18.23	42.36	295	13200	30.54	-17.26	35.08	299					
12225	36.94	-20.39	42.19	299	13225	30.09	-18.87	35.51	302					
12250	37.16	-19.61	42.02	298	13250	29.93	-19.22	35.57	303					
12275	37.67	-18.45	41.95	296	13275	31.14	-16.29	35.15	297					
12300	36.80	-20.22	41.98	299	13300	29.15	-19.16	34.88	303					
12325	37.36	-19.80	42.29	298	13325	29.12	-18.91	34.72	303					
12350	38.36	-18.72	42.69	296	13350	28.59	-19.61	34.67	304					
12375	37.34	-21.66	43.16	300	13375	29.66	-15.15	33.31	297					
12400	36.96	-22.95	43.51	302	13400	28.89	-15.92	32.99	299					
12425	38.84	-19.92	43.65	297	13425	26.80	-19.45	33.11	306					
12450	38.01	-21.90	43.87	300	13450	29.08	-13.43	32.03	295					
12475	37.46	-21.74	43.31	300	13475	29.14	-12.78	31.82	293					
12500	37.81	-19.59	42.59	297	13500	28.07	-13.66	31.21	296					
12525	37.40	-20.12	42.47	298										
12550	38.22	-18.32	42.39	295										
12575	37.00	-19.65	41.90	298										
12600	34.36	-22.68	41.17	303										
12625	34.96	-19.75	40.15	299										
12650	36.07	-16.73	39.76	295										
12675	35.94	-16.41	39.51	294										
12700	35.18	-18.56	39.78	298										
12725	34.73	-18.71	39.45	298										
12750	35.44	-16.54	39.11	295										
12775	35.78	-15.70	39.08	294										
12800	34.62	-17.35	38.73	296										
12825	34.18	-17.90	38.58	297										
12850	34.62	-15.97	38.12	295										
12875	33.59	-16.10	37.25	295										
12900	32.30	-18.39	37.17	299										
12925	34.27	-13.71	36.91	292										
12950	34.80	-11.54	36.67	288										
12975	33.64	-13.49	36.24	292										
13000	32.91	-15.42	36.35	295										
13025	32.16	-17.00	36.37	298										
13050	31.77	-17.47	36.26	299										
13075	31.60	-17.53	36.14	299										
13100	30.98	-18.30	35.98	300										
13125	29.27	-20.32	35.63	305										
13150	29.71	-19.09	35.32	303										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-80

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-3 04/13/65, 1530Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	5.00	-3.73	6.24	307	1225	8.50	-6.01	10.41	305	2225	10.33	-4.23	11.17	292
250	5.89	-4.30	7.29	306	1250	8.56	-5.71	10.29	304	2250	10.57	-4.06	11.32	291
275	6.02	-4.16	7.32	304	1275	8.70	-5.60	10.34	303	2275	10.94	-3.97	11.64	290
300	6.21	-3.74	7.25	301	1300	8.97	-5.66	10.60	302	2300	11.25	-4.07	11.97	290
325	6.29	-3.37	7.14	298	1325	9.11	-5.76	10.78	302	2325	11.33	-4.04	12.03	289
350	6.21	-3.02	6.91	296	1350	8.99	-5.63	10.61	302	2350	11.23	-3.96	11.91	289
375	6.47	-3.03	7.15	295	1375	8.80	-5.52	10.39	302	2375	11.07	-3.92	11.74	289
400	6.87	-3.19	7.57	295	1400	8.76	-5.47	10.33	302	2400	11.02	-3.82	11.67	289
425	6.96	-3.23	7.68	295	1425	8.82	-5.37	10.32	301	2425	11.00	-3.71	11.61	288
450	6.94	-3.37	7.71	296	1450	8.88	-5.38	10.38	301	2450	11.00	-3.67	11.60	288
475	7.15	-3.67	8.04	297	1475	8.79	-5.26	10.24	301	2475	11.05	-3.68	11.64	288
500	7.11	-4.18	8.25	300	1500	8.39	-4.90	9.72	300	2500	11.04	-3.76	11.66	289
525	6.49	-4.51	7.90	305	1525	7.76	-4.25	8.84	299	2525	11.01	-3.81	11.65	289
550	5.66	-4.64	7.32	309	1550	7.15	-3.70	8.05	297	2550	11.07	-4.03	11.78	290
575	4.67	-4.97	6.82	317	1575	6.84	-3.46	7.67	297	2575	10.97	-4.31	11.79	291
600	3.90	-5.36	6.63	324	1600	6.67	-3.29	7.44	296	2600	10.68	-4.43	11.57	292
625	3.64	-5.67	6.74	327	1625	6.55	-3.08	7.24	295	2625	10.69	-4.62	11.64	293
650	3.33	-5.84	6.73	330	1650	6.34	-2.80	6.93	294	2650	11.12	-4.92	12.16	294
675	3.00	-5.88	6.60	333	1675	6.10	-2.51	6.59	292	2675	11.00	-4.80	12.01	293
700	2.97	-6.06	6.75	334	1700	6.16	-2.33	6.59	291	2700	10.55	-4.49	11.47	293
725	3.47	-6.52	7.39	332	1725	6.62	-2.07	6.94	287	2725	10.44	-4.39	11.33	293
750	4.07	-6.69	7.83	329	1750	7.16	-2.02	7.44	286	2750	10.50	-4.51	11.43	293
775	4.39	-6.66	7.97	326	1775	7.61	-2.35	7.97	287	2775	10.59	-4.81	11.63	294
800	4.42	-6.72	8.04	327	1800	7.99	-2.73	8.45	289	2800	10.59	-4.76	11.61	294
825	4.24	-6.76	7.98	328	1825	8.36	-3.25	8.97	291	2825	10.72	-4.86	11.77	294
850	4.20	-6.82	8.01	328	1850	8.65	-3.87	9.48	294	2850	10.85	-5.23	12.04	296
875	4.37	-6.85	8.13	327	1875	9.02	-4.51	10.09	296	2875	11.01	-5.66	12.38	297
900	4.57	-6.86	8.24	326	1900	9.21	-4.71	10.35	297	2900	10.99	-6.20	12.62	299
925	4.68	-6.91	8.35	326	1925	9.24	-4.29	10.19	295	2925	11.05	-6.72	12.93	301
950	4.91	-6.99	8.54	325	1950	9.33	-3.92	10.12	293	2950	11.55	-7.57	13.81	303
975	5.20	-7.00	8.72	323	1975	9.34	-4.10	10.20	294	2975	11.17	-7.94	13.70	305
1000	5.37	-7.07	8.88	323	2000	9.28	-4.46	10.30	295	3000	10.34	-7.84	12.97	307
1025	5.36	-7.05	8.86	323	2025	9.02	-4.45	10.06	296	3025	9.63	-7.97	12.50	309
1050	5.31	-6.99	8.76	323	2050	8.75	-4.34	9.77	296	3050	9.04	-8.08	12.12	312
1075	5.44	-6.39	8.39	319	2075	8.69	-4.26	9.68	296	3075	8.51	-8.36	11.93	314
1100	5.75	-6.41	8.61	318	2100	9.04	-4.23	9.98	295	3100	8.04	-8.48	11.69	316
1125	6.31	-6.52	9.07	316	2125	9.62	-4.30	10.54	294	3125	7.34	-8.58	11.29	319
1150	7.18	-6.59	9.75	312	2150	9.84	-4.24	10.72	293	3150	6.63	-8.89	11.09	323
1175	7.96	-6.45	10.25	309	2175	9.85	-4.19	10.70	293	3175	6.20	-8.83	10.79	325
1200	8.30	-6.24	10.39	307	2200	10.06	-4.24	10.92	293	3200	6.10	-8.67	10.60	325

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-3 04/13/65, 1530Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	6.26	-8.57	10.61	324	4225	13.05	-8.89	15.79	304	5225	17.75	-9.50	20.13	298
3250	6.28	-8.17	10.30	322	4250	13.21	-8.36	15.64	302	5250	17.59	-9.38	19.94	298
3275	6.41	-7.96	10.22	321	4275	13.52	-8.14	15.78	301	5275	17.62	-9.39	19.96	298
3300	6.79	-8.19	10.64	320	4300	13.94	-8.28	16.21	301	5300	17.71	-9.52	20.11	298
3325	7.18	-8.67	11.26	320	4325	14.35	-8.49	16.68	300	5325	18.01	-9.76	20.49	298
3350	7.45	-9.13	11.79	321	4350	14.88	-8.76	17.27	300	5350	18.19	-9.81	20.66	298
3375	7.49	-9.63	12.20	322	4375	15.13	-9.10	17.66	301	5375	18.34	-9.98	20.89	298
3400	7.50	-9.98	12.48	323	4400	15.37	-9.49	18.07	302	5400	18.59	-10.38	21.29	299
3425	7.60	-10.19	12.71	323	4425	15.65	-9.87	18.50	302	5425	18.77	-10.59	21.55	299
3450	7.62	-10.29	12.81	323	4450	15.85	-10.09	18.79	302	5450	19.07	-10.67	21.86	299
3475	7.69	-10.54	13.05	324	4475	16.06	-10.29	19.07	302	5475	19.68	-10.72	22.41	298
3500	7.61	-10.84	13.25	325	4500	16.21	-10.43	19.27	303	5500	19.73	-10.34	22.27	297
3525	7.49	-10.93	13.25	325	4525	16.11	-10.28	19.11	302	5525	19.46	-9.93	21.85	297
3550	7.41	-10.96	13.23	326	4550	15.72	-9.85	18.55	302	5550	19.74	-9.78	22.03	296
3575	7.42	-11.15	13.39	326	4575	15.82	-9.74	18.58	301	5575	19.99	-9.60	22.17	295
3600	7.31	-11.26	13.43	327	4600	15.87	-9.60	18.55	301	5600	19.93	-9.37	22.02	295
3625	7.22	-11.21	13.34	327	4625	15.68	-9.30	18.23	300	5625	19.82	-9.11	21.81	295
3650	7.45	-11.40	13.62	327	4650	15.51	-9.05	17.96	300	5650	19.84	-8.96	21.77	294
3675	7.56	-11.56	13.82	327	4675	15.30	-8.83	17.66	300	5675	19.91	-8.64	21.71	293
3700	7.90	-11.43	13.89	325	4700	15.44	-8.83	17.79	300	5700	19.96	-8.09	21.54	292
3725	8.39	-11.00	13.83	323	4725	15.40	-8.81	17.74	300	5725	20.20	-7.85	21.67	291
3750	9.06	-10.45	13.83	319	4750	15.36	-8.63	17.62	299	5750	20.25	-7.64	21.64	290
3775	9.83	-9.94	13.98	315	4775	15.35	-8.35	17.48	298	5775	20.07	-7.12	21.30	289
3800	10.32	-9.86	14.28	314	4800	15.20	-7.98	17.17	298	5800	20.23	-6.78	21.33	288
3825	10.45	-10.28	14.66	314	4825	15.49	-7.76	17.32	296	5825	20.26	-6.40	21.25	287
3850	10.27	-10.55	14.73	316	4850	15.81	-7.60	17.54	295	5850	20.35	-6.46	21.35	287
3875	10.05	-10.70	14.68	317	4875	15.91	-7.00	17.38	294	5875	20.66	-6.84	21.76	288
3900	9.90	-10.72	14.59	317	4900	16.01	-6.63	17.33	292	5900	20.70	-6.90	21.82	288
3925	9.71	-10.70	14.45	318	4925	16.12	-6.58	17.41	292	5925	20.66	-6.87	21.77	288
3950	8.97	-10.28	13.65	319	4950	16.17	-6.35	17.37	291	5950	20.85	-6.93	21.98	288
3975	9.13	-10.43	13.86	319	4975	16.12	-6.13	17.24	291	5975	20.79	-7.09	21.97	289
4000	9.68	-10.97	14.63	318	5000	16.31	-6.20	17.45	291	6000	20.63	-7.16	21.83	289
4025	9.57	-11.06	14.62	319	5025	16.49	-6.47	17.71	291	6025	20.77	-7.36	22.03	289
4050	9.86	-11.09	14.84	318	5050	16.64	-6.96	18.04	293	6050	21.30	-7.64	22.63	290
4075	10.44	-10.85	15.05	316	5075	17.09	-7.45	18.64	293	6075	21.75	-7.73	23.08	289
4100	10.95	-10.49	15.16	314	5100	17.47	-8.34	19.35	295	6100	22.19	-7.93	23.57	289
4125	11.29	-10.08	15.13	312	5125	17.39	-9.00	19.59	297	6125	22.83	-8.37	24.31	290
4150	11.66	-9.87	15.28	310	5150	17.38	-9.14	19.64	298	6150	22.90	-9.00	24.60	291
4175	12.27	-9.69	15.64	308	5175	17.62	-9.36	19.95	298	6175	22.76	-9.85	24.80	293
4200	12.76	-9.41	15.85	306	5200	17.90	-9.59	20.31	298	6200	22.84	-10.48	25.13	294

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-80 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-3 04/13/65, 1530Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	22.22	-10.99	24.79	296	7225	23.54	-8.43	25.00	290	8225	29.06	-7.62	30.04	285
6250	21.38	-11.23	24.15	298	7250	23.82	-8.50	25.29	289	8250	29.15	-7.23	30.04	284
6275	21.07	-11.46	23.99	298	7275	23.64	-8.46	25.11	290	8275	29.36	-7.57	30.32	284
6300	21.20	-11.04	23.90	297	7300	23.67	-8.63	25.19	290	8300	29.48	-8.16	30.59	285
6325	21.55	-10.60	24.02	296	7325	23.17	-9.08	24.89	291	8325	29.35	-8.40	30.53	286
6350	21.55	-10.49	23.97	296	7350	22.41	-9.42	24.31	293	8350	29.27	-8.40	30.45	286
6375	21.73	-10.21	24.01	295	7375	21.87	-10.00	24.05	294	8375	28.96	-8.84	30.28	287
6400	21.96	-10.08	24.17	294	7400	21.69	-10.25	23.99	295	8400	29.13	-8.75	30.42	287
6425	21.90	-9.79	23.99	294	7425	21.93	-10.52	24.32	295	8425	29.30	-8.85	30.61	287
6450	21.71	-9.47	23.68	293	7450	21.72	-10.93	24.32	297	8450	29.03	-9.31	30.49	288
6475	21.62	-9.07	23.44	293	7475	21.62	-10.81	24.17	296	8475	28.78	-9.43	30.28	288
6500	21.70	-8.50	23.31	291	7500	21.81	-10.76	24.32	296	8500	28.76	-10.01	30.45	289
6525	21.98	-8.11	23.43	290	7525	22.05	-10.62	24.47	296	8525	29.11	-10.50	30.95	290
6550	22.23	-7.74	23.53	289	7550	22.42	-10.49	24.75	295	8550	29.31	-11.09	31.34	291
6575	22.48	-7.66	23.75	289	7575	22.78	-10.26	24.98	294	8575	29.23	-11.67	31.48	292
6600	22.70	-7.23	23.82	287	7600	23.22	-9.99	25.28	293	8600	29.37	-11.57	31.56	291
6625	22.79	-6.66	23.74	286	7625	24.03	-9.71	25.91	292	8625	29.59	-11.51	31.75	291
6650	23.11	-6.39	23.98	285	7650	24.57	-9.24	26.25	290	8650	29.32	-11.84	31.62	292
6675	23.29	-5.90	24.03	284	7675	24.36	-8.59	25.83	289	8675	29.39	-11.45	31.54	291
6700	23.14	-5.45	23.77	283	7700	24.37	-8.17	25.71	288	8700	29.41	-11.61	31.62	291
6725	23.21	-5.42	23.84	283	7725	24.69	-7.85	25.90	287	8725	29.22	-12.11	31.63	292
6750	23.40	-5.83	24.11	284	7750	24.94	-7.55	26.06	287	8750	29.45	-11.82	31.73	292
6775	23.64	-6.07	24.41	284	7775	24.87	-7.20	25.89	286	8775	29.39	-12.01	31.75	292
6800	23.73	-6.14	24.51	284	7800	24.90	-6.78	25.80	285	8800	29.33	-11.97	31.67	292
6825	23.62	-6.25	24.43	285	7825	25.38	-6.35	26.17	284	8825	29.25	-12.00	31.62	292
6850	23.41	-6.69	24.34	286	7850	25.78	-5.90	26.45	283	8850	29.27	-12.03	31.65	292
6875	23.12	-6.89	24.12	286	7875	26.06	-5.53	26.64	282	8875	29.44	-11.99	31.79	292
6900	23.40	-6.98	24.42	286	7900	26.45	-5.52	27.02	282	8900	29.12	-12.45	31.66	293
6925	23.49	-7.16	24.56	287	7925	26.74	-5.77	27.35	282	8925	29.18	-12.19	31.63	292
6950	23.30	-7.21	24.39	287	7950	26.87	-6.00	27.53	282	8950	29.64	-12.06	32.00	292
6975	23.45	-7.42	24.59	287	7975	27.05	-6.48	27.81	283	8975	29.71	-12.20	32.12	292
7000	23.52	-7.49	24.69	287	8000	27.05	-6.68	27.86	284	9000	29.68	-11.91	31.98	292
7025	23.59	-7.52	24.76	288	8025	27.00	-6.85	27.86	284	9025	29.49	-12.02	31.84	292
7050	23.91	-7.64	25.10	288	8050	27.07	-7.27	28.03	285	9050	29.39	-12.63	31.99	293
7075	24.01	-7.79	25.24	288	8075	26.96	-7.79	28.07	286	9075	29.74	-12.42	32.23	292
7100	23.66	-7.81	24.92	288	8100	27.42	-8.34	28.66	287	9100	29.69	-12.62	32.26	293
7125	23.41	-7.59	24.61	288	8125	28.05	-8.50	29.31	287	9125	29.62	-13.35	32.49	294
7150	23.36	-7.92	24.66	289	8150	28.53	-8.23	29.69	286	9150	29.97	-13.27	32.78	294
7175	23.30	-8.13	24.68	289	8175	28.65	-7.84	29.70	285	9175	30.09	-13.41	32.94	294
7200	23.21	-8.12	24.59	289	8200	28.76	-7.91	29.83	285	9200	30.50	-13.31	33.28	293

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-3 04/13/65, 1530Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	30.77	-13.38	33.55	293	10225	32.70	-17.79	37.22	298	11225	35.18	-19.39	40.17	299
9250	30.20	-13.77	33.19	294	10250	32.58	-16.16	37.30	299	11250	35.52	-18.69	40.13	298
9275	29.73	-13.91	32.83	295	10275	32.26	-17.70	36.80	299	11275	35.61	-18.84	40.28	298
9300	29.93	-13.71	32.92	294	10300	32.48	-17.43	36.86	298	11300	35.44	-19.82	40.61	299
9325	30.29	-13.89	33.32	294	10325	32.46	-16.81	36.55	297	11325	35.81	-19.54	40.80	298
9350	29.99	-14.65	33.38	296	10350	31.97	-16.86	36.14	298	11350	36.08	-18.71	40.65	297
9375	29.84	-14.81	33.31	296	10375	31.69	-17.08	36.00	298	11375	35.76	-18.89	40.45	298
9400	29.88	-15.10	33.48	297	10400	31.93	-16.43	35.91	297	11400	36.10	-19.05	40.82	298
9425	30.41	-15.31	34.04	297	10425	32.53	-16.05	36.28	296	11425	36.73	-18.92	41.32	297
9450	30.54	-15.55	34.27	297	10450	32.60	-16.39	36.48	297	11450	36.23	-19.22	41.01	298
9475	29.86	-16.06	33.90	298	10475	32.23	-16.55	36.23	297	11475	36.09	-19.06	40.81	298
9500	29.92	-15.91	33.89	298	10500	32.06	-16.03	35.85	296	11500	36.67	-18.66	41.15	297
9525	30.29	-15.58	34.06	297	10525	32.42	-16.42	36.34	297	11525	36.87	-19.43	41.68	298
9550	30.19	-15.11	33.76	296	10550	32.62	-17.10	36.82	297	11550	36.52	-19.75	41.52	298
9575	29.88	-15.46	33.64	297	10575	32.20	-17.22	36.51	298	11575	36.65	-19.51	41.52	298
9600	29.65	-16.00	33.69	298	10600	32.26	-17.09	36.51	298	11600	36.82	-19.55	41.68	298
9625	29.84	-15.93	33.83	298	10625	32.67	-16.81	36.74	297	11625	37.10	-18.97	41.67	297
9650	30.02	-15.92	33.98	298	10650	32.83	-16.24	36.63	296	11650	36.51	-19.92	41.59	298
9675	30.15	-16.35	34.30	298	10675	33.00	-15.68	36.53	295	11675	36.63	-19.92	41.69	298
9700	30.49	-16.58	34.70	298	10700	32.79	-15.93	36.46	296	11700	37.96	-19.59	42.71	297
9725	30.44	-16.73	34.73	299	10725	33.05	-15.64	36.56	295	11725	38.59	-19.51	43.24	297
9750	30.64	-16.90	34.99	299	10750	33.29	-15.89	36.89	295	11750	38.66	-18.88	43.02	296
9775	31.03	-17.20	35.48	299	10775	33.36	-16.23	37.10	296	11775	38.62	-19.27	43.16	296
9800	31.10	-17.63	35.76	299	10800	33.88	-15.65	37.32	295	11800	38.29	-18.93	42.71	296
9825	31.22	-17.24	35.66	299	10825	34.34	-16.15	37.95	295	11825	38.04	-19.04	42.54	296
9850	31.37	-17.38	35.86	299	10850	34.50	-16.35	38.18	295	11850	38.61	-19.53	43.27	297
9875	31.28	-17.76	35.97	299	10875	33.90	-16.54	37.72	296	11875	39.18	-19.19	43.63	296
9900	31.12	-17.70	35.81	299	10900	33.56	-16.86	37.56	297	11900	39.20	-19.13	43.62	296
9925	31.47	-17.34	35.93	299	10925	33.69	-16.07	37.33	295	11925	39.61	-19.12	43.98	296
9950	31.66	-17.13	36.00	298	10950	33.76	-16.47	37.56	296	11950	40.28	-18.89	44.49	295
9975	31.54	-17.49	36.07	299	10975	33.58	-17.06	37.67	297	11975	40.74	-18.88	44.91	295
10000	31.26	-17.59	35.87	299	11000	33.55	-17.24	37.72	297	12000	40.86	-19.36	45.21	295
10025	31.26	-17.66	35.90	299	11025	33.92	-17.92	38.37	298	12025	41.02	-19.36	45.36	295
10050	31.22	-18.05	36.07	300	11050	34.12	-18.14	38.65	298	12050	41.52	-18.82	45.59	294
10075	31.03	-18.14	35.95	300	11075	34.40	-18.61	39.12	298	12075	41.14	-19.23	45.41	295
10100	31.81	-17.80	36.46	299	11100	34.82	-18.94	39.63	298	12100	40.96	-19.28	45.27	295
10125	31.84	-18.13	36.63	299	11125	34.78	-19.40	39.82	299	12125	41.00	-19.41	45.36	295
10150	31.26	-18.34	36.24	300	11150	34.22	-19.93	39.60	300	12150	40.95	-19.35	45.29	295
10175	31.38	-18.04	36.19	300	11175	34.54	-19.44	39.64	299	12175	41.04	-19.54	45.45	295
10200	32.02	-17.61	36.54	299	11200	35.13	-19.37	40.12	299	12200	41.04	-19.76	45.55	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-80 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2272-3 04/13/65, 1530Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	41.07	-19.63	45.52	295	13225	30.82	-20.97	37.27	304	14225	30.70	-17.53	35.36	300
12250	41.06	-19.52	45.47	295	13250	30.34	-21.37	37.11	305	14250	30.67	-16.32	34.74	298
12275	41.03	-19.93	45.62	296	13275	29.92	-21.31	36.73	305	14275	30.25	-16.11	34.28	298
12300	40.62	-21.02	45.74	297	13300	30.12	-20.31	36.33	304	14300	30.27	-16.17	34.31	298
12325	40.58	-20.86	45.63	297	13325	30.08	-19.41	35.80	303	14325	30.28	-16.27	34.38	298
12350	40.80	-19.97	45.42	296	13350	29.87	-18.15	34.95	301	14350	30.09	-16.33	34.24	298
12375	40.33	-20.44	45.21	297	13375	30.04	-17.19	34.61	300	14375	30.29	-15.58	34.06	297
12400	40.08	-20.15	44.86	297	13400	29.59	-17.78	34.52	301	14400	30.72	-15.06	34.21	296
12425	39.82	-19.80	44.47	296	13425	29.65	-16.85	34.10	299	14425	30.93	-14.73	34.26	295
12450	38.99	-20.07	43.86	297	13450	30.29	-14.95	33.78	296	14450	30.59	-14.99	34.07	296
12475	39.21	-19.36	43.73	296	13475	30.42	-13.92	33.45	294	14475	30.14	-14.50	33.44	296
12500	39.33	-19.11	43.72	296	13500	30.34	-13.69	33.28	294	14500	30.19	-13.58	33.11	294
12525	39.16	-19.34	43.67	296	13525	30.73	-13.19	33.44	293	14525	29.67	-13.79	32.72	295
12550	38.69	-19.50	43.32	297	13550	30.94	-13.24	33.66	293	14550	29.43	-13.71	32.47	295
12575	38.20	-19.78	43.01	297	13575	31.31	-13.10	33.94	293	14575	30.35	-13.06	33.04	293
12600	38.49	-19.58	43.18	297	13600	31.57	-13.07	34.17	292	14600	31.48	-12.85	34.01	292
12625	38.35	-19.78	43.15	297	13625	31.29	-12.99	33.88	292	14625	31.71	-13.61	34.51	293
12650	37.97	-19.87	42.85	297	13650	31.29	-12.51	33.69	292	14650	31.55	-13.16	34.18	292
12675	37.86	-19.55	42.61	297	13675	31.28	-11.74	33.41	290	14675	30.90	-13.58	33.76	294
12700	37.47	-19.68	42.32	298	13700	31.68	-10.74	33.45	289	14700	30.55	-15.16	34.10	296
12725	36.64	-20.16	41.82	299	13725	31.68	-9.76	33.15	287	14725	30.15	-15.54	33.92	297
12750	36.10	-19.60	41.08	298	13750	31.60	-10.01	33.15	287	14750	29.12	-15.22	32.86	297
12775	36.60	-18.52	41.02	297	13775	32.52	-9.08	33.76	285	14775	29.20	-14.93	32.80	297
12800	36.79	-17.79	40.87	296	13800	33.27	-8.46	34.32	284	14800	28.98	-15.78	33.00	298
12825	36.62	-17.75	40.69	296	13825	33.55	-9.36	34.83	285	14825	28.95	-15.19	32.69	298
12850	35.60	-18.53	40.13	297	13850	34.13	-9.65	35.47	286	14850	29.09	-13.73	32.17	295
12875	34.43	-19.63	39.63	300	13875	34.73	-9.87	36.10	286	14875	29.05	-13.52	32.04	295
12900	34.66	-18.22	39.16	298	13900	35.12	-10.87	36.76	287	14900	28.78	-13.83	31.93	295
12925	34.74	-18.12	39.18	297	13925	35.29	-12.25	37.35	289	14925	28.73	-14.00	31.96	296
12950	34.66	-18.48	39.27	298	13950	35.17	-14.34	37.98	292	14950	28.30	-14.05	31.60	296
12975	33.79	-19.70	39.12	300	13975	35.19	-14.93	38.23	293	14975	27.98	-13.54	31.08	296
13000	33.41	-20.24	39.06	301	14000	35.50	-14.39	38.31	292	15000	27.68	-12.95	30.56	295
13025	33.86	-19.93	39.29	300	14025	34.82	-15.96	38.30	294	15025	27.71	-11.26	29.91	292
13050	33.24	-20.59	39.10	302	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13075	32.73	-20.58	38.66	302	14075	34.71	-16.98	38.64	296	15075	27.65	-10.63	29.62	291
13100	33.03	-20.04	38.63	301	14100	33.60	-18.35	38.28	298	15100	28.14	-9.29	29.63	288
13125	32.56	-20.65	38.55	302	14125	32.93	-18.16	37.60	299	15125	28.49	-8.26	29.66	286
13150	31.53	-21.37	38.09	304	14150	31.59	-18.51	36.61	300	15150	28.17	-8.66	29.48	287
13175	31.25	-21.40	37.87	304	14175	31.75	-17.91	36.46	299	15175	28.07	-8.95	29.46	288
13200	31.08	-21.16	37.60	304	14200	31.49	-17.48	36.02	299	15200	27.72	-10.30	29.57	290

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2272-3 04/13/65, 1530Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	28.11	-11.29	30.29	292	16225	31.05	-8.21	32.12	285	17225	19.56	-8.50	21.33	293
15250	28.38	-12.17	30.88	293	16250	30.45	-8.75	31.68	286	17250	19.77	-8.37	21.47	293
15275	28.85	-12.77	31.55	294	16275	30.36	-8.53	31.54	285	17275	20.40	-7.42	21.71	290
15300	29.09	-13.15	31.93	294	16300	30.28	-8.32	31.40	285	17300	20.48	-6.88	21.60	288
15325	28.75	-14.41	32.16	296	16325	29.94	-7.86	30.96	285	17325	20.55	-6.35	21.51	287
15350	28.47	-14.98	32.17	298	16350	29.62	-7.94	30.66	285	17350	20.29	-5.92	21.14	286
15375	28.03	-14.88	31.73	298	16375	29.42	-7.85	30.45	285	17375	19.61	-6.33	20.60	288
15400	26.92	-15.44	31.03	300	16400	29.41	-8.66	30.66	286	17400	19.10	-7.61	20.56	292
15425	26.13	-14.42	29.85	299	16425	29.43	-8.98	30.77	287	17425	19.07	-7.85	20.62	292
15450	26.01	-13.08	29.11	297	16450	29.33	-9.09	30.71	287	17450	19.04	-8.09	20.69	293
15475	25.71	-11.48	28.16	294	16475	29.23	-9.20	30.64	287	17475	19.01	-8.33	20.75	293
15500	25.00	-10.21	27.01	292	16500	28.52	-10.77	30.49	291					
15525	24.31	-9.92	26.26	292	16525	28.21	-11.14	30.34	291					
15550	24.65	-8.73	26.15	289	16550	27.91	-11.52	30.19	292					
15575	24.72	-7.98	25.98	288	16575	25.92	-11.93	28.54	295					
15600	25.10	-7.99	26.34	287	16600	25.72	-11.70	28.26	294					
15625	25.98	-6.95	26.89	285	16625	25.52	-11.46	27.98	294					
15650	26.15	-6.20	26.87	283	16650	26.23	-10.04	28.09	291					
15675	26.68	-6.46	27.45	283	16675	26.40	-10.08	28.26	291					
15700	26.75	-6.88	27.62	284	16700	26.57	-10.12	28.43	291					
15725	27.65	-6.63	28.43	283	16725	26.62	-10.18	28.49	291					
15750	29.03	-6.39	29.73	282	16750	26.76	-9.61	28.43	290					
15775	29.66	-6.81	30.43	283	16775	27.17	-9.05	28.64	288					
15800	30.21	-6.91	30.99	283	16800	26.57	-9.40	28.19	289					
15825	31.25	-6.36	31.89	281	16825	24.34	-10.12	26.36	292					
15850	31.78	-7.03	32.55	282	16850	23.11	-9.40	24.95	292					
15875	31.58	-8.04	32.59	284	16875	22.32	-9.42	24.22	293					
15900	31.43	-7.54	32.32	283	16900	21.26	-10.25	23.60	296					
15925	32.66	-6.95	33.39	282	16925	21.45	-9.98	23.65	295					
15950	32.85	-6.65	33.51	281	16950	20.55	-11.30	23.45	299					
15975	32.67	-7.60	33.54	283	16975	20.56	-10.81	23.23	298					
16000	33.50	-8.28	34.51	284	17000	20.44	-10.54	22.99	297					
16025	34.13	-7.91	35.04	283	17025	19.99	-10.78	22.71	298					
16050	33.62	-9.32	34.89	285	17050	19.47	-10.33	22.04	298					
16075	33.59	-10.01	35.06	286	17075	18.97	-10.82	21.85	300					
16100	33.97	-8.35	34.98	284	17100	18.59	-10.94	21.57	300					
16125	33.06	-9.63	34.43	286	17125	18.03	-10.38	20.80	300					
16150	31.88	-11.06	33.74	289	17150	18.20	-9.68	20.61	298					
16175	31.62	-10.02	33.17	287	17175	19.15	-8.77	21.06	294					
16200	31.55	-9.22	32.87	286	17200	19.36	-8.63	21.19	294					

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-81

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-4 04/13/65, 1700Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
2825	7.96	-4.66	9.22	300	3825	8.30	-9.45	12.57	319	4825	17.48	-10.00	20.14	300
2850	7.22	-4.33	8.74	304	3850	8.32	-9.35	12.52	318	4850	17.59	-9.74	20.11	299
2875	6.11	-5.02	7.91	309	3875	8.49	-9.34	12.62	318	4875	17.48	-9.64	19.96	299
2900	5.27	-5.14	7.36	314	3900	8.44	-9.29	12.55	318	4900	17.46	-9.20	19.74	298
2925	4.72	-5.33	7.12	318	3925	8.36	-9.17	12.41	317	4925	17.45	-8.60	19.45	296
2950	4.49	-5.53	7.12	321	3950	8.29	-9.10	12.31	318	4950	17.57	-8.36	19.46	295
2975	4.36	-5.77	7.24	323	3975	8.30	-9.31	12.47	318	4975	17.63	-7.97	19.35	294
3000	4.36	-5.72	7.19	323	4000	8.43	-9.69	12.84	319	5000	17.61	-7.74	19.24	294
3025	4.51	-5.77	7.32	322	4025	8.51	-9.89	13.05	319	5025	17.66	-7.80	19.31	294
3050	4.49	-5.85	7.38	322	4050	8.71	-9.89	13.18	318	5050	17.59	-7.64	19.18	293
3075	4.59	-5.83	7.42	322	4075	9.26	-10.00	13.63	317	5075	17.70	-7.54	19.24	293
3100	4.73	-6.03	7.66	322	4100	9.82	-10.28	14.22	316	5100	17.92	-7.67	19.49	293
3125	4.83	-6.11	7.78	321	4125	10.34	-10.31	14.61	315	5125	18.06	-7.84	19.69	293
3150	5.07	-6.07	7.91	320	4150	10.98	-10.13	14.94	313	5150	18.06	-8.05	19.77	294
3175	5.33	-6.25	8.22	319	4175	11.63	-9.88	15.26	310	5175	17.98	-8.17	19.75	294
3200	5.46	-6.62	8.58	320	4200	12.10	-9.62	15.46	308	5200	17.99	-8.13	19.74	294
3225	5.48	-6.95	8.85	322	4225	12.44	-9.19	15.47	306	5225	17.97	-8.26	19.77	295
3250	5.60	-7.20	9.12	322	4250	12.81	-8.87	15.58	305	5250	17.98	-8.52	19.90	295
3275	5.69	-7.30	9.26	322	4275	13.19	-8.95	15.94	304	5275	18.37	-8.71	20.33	295
3300	5.84	-7.31	9.36	321	4300	13.45	-9.08	16.23	304	5300	19.06	-8.92	21.04	295
3325	6.01	-7.45	9.57	321	4325	13.67	-9.37	16.58	304	5325	19.54	-9.09	21.55	295
3350	6.04	-7.58	9.69	321	4350	13.92	-9.64	16.93	305	5350	19.69	-9.05	21.67	294
3375	6.17	-7.67	9.84	321	4375	13.94	-9.72	17.00	305	5375	19.72	-8.96	21.66	294
3400	6.20	-7.70	9.89	321	4400	14.19	-9.98	17.35	305	5400	20.02	-8.91	21.91	294
3425	6.17	-7.75	9.91	321	4425	14.28	-10.17	17.53	305	5425	20.25	-8.66	22.02	293
3450	6.14	-7.79	9.91	322	4450	14.33	-10.30	17.65	306	5450	20.24	-8.46	21.94	292
3475	6.00	-7.81	9.85	322	4475	14.51	-10.65	18.00	306	5475	20.51	-8.28	22.11	292
3500	5.86	-7.94	9.87	323	4500	14.44	-10.81	18.04	307	5500	20.64	-8.10	22.17	291
3525	6.00	-8.25	10.20	324	4525	14.35	-10.66	17.87	306	5525	20.68	-8.22	22.26	291
3550	6.29	-8.62	10.67	324	4550	14.35	-10.50	17.78	306	5550	20.75	-8.55	22.45	292
3575	6.49	-8.88	11.00	324	4575	14.51	-10.41	17.86	305	5575	20.54	-8.79	22.34	293
3600	6.80	-8.82	11.14	322	4600	14.49	-10.37	17.82	305	5600	20.42	-8.80	22.24	293
3625	7.20	-8.61	11.22	320	4625	14.62	-10.40	17.94	305	5625	20.48	-8.80	22.29	293
3650	7.33	-8.40	11.14	319	4650	15.11	-10.34	18.31	304	5650	20.45	-8.81	22.26	293
3675	7.49	-8.17	11.08	317	4675	15.55	-10.35	18.68	303	5675	20.73	-8.76	22.51	293
3700	7.83	-8.41	11.49	317	4700	15.97	-10.59	19.16	303	5700	21.30	-8.83	23.06	292
3725	7.97	-8.80	11.88	318	4725	16.33	-10.46	19.40	302	5725	21.92	-9.01	23.70	292
3750	8.15	-9.24	12.32	318	4750	16.73	-10.48	19.74	302	5750	22.38	-9.14	24.18	292
3775	7.61	-9.14	11.89	320	4775	17.19	-10.55	20.17	301	5775	22.31	-9.15	24.11	292
3800	7.65	-9.13	11.91	320	4800	17.35	-10.29	20.17	301	5800	22.12	-9.00	23.88	292

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-4 04/13/65, 1700Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
5825	21.99	-8.72	23.65	291	6825	23.93	-8.26	25.32	289	7825	26.34	-7.98	27.52	287
5850	21.41	-8.49	23.03	291	6850	23.96	-7.98	25.26	288	7850	26.13	-8.16	27.37	287
5875	21.12	-8.45	22.74	292	6875	23.71	-7.75	24.94	288	7875	26.19	-8.04	27.40	287
5900	20.98	-8.26	22.55	291	6900	23.51	-7.52	24.69	288	7900	26.37	-8.08	27.58	287
5925	20.77	-8.17	22.32	291	6925	23.76	-7.56	24.93	287	7925	26.78	-7.52	27.82	286
5950	20.79	-8.32	22.39	292	6950	23.72	-7.24	24.80	287	7950	27.06	-7.06	27.97	284
5975	20.83	-8.26	22.40	291	6975	23.35	-6.99	24.37	286	7975	27.20	-6.88	28.05	284
6000	20.93	-8.08	22.43	291	7000	22.99	-7.12	24.07	287	8000	27.42	-6.36	28.15	283
6025	20.91	-8.25	22.47	291	7025	23.08	-6.92	24.10	287	8025	27.28	-6.33	28.01	283
6050	21.19	-8.68	22.90	292	7050	23.02	-6.87	24.02	286	8050	27.57	-6.16	28.25	282
6075	21.50	-8.89	23.27	292	7075	22.44	-6.94	23.49	287	8075	28.27	-5.82	28.86	281
6100	21.30	-8.99	23.12	293	7100	22.19	-7.18	23.33	288	8100	28.51	-6.38	29.22	282
6125	21.19	-9.08	23.05	293	7125	21.99	-7.87	23.36	290	8125	28.60	-6.25	29.27	282
6150	21.46	-9.21	23.35	293	7150	21.98	-8.47	23.56	291	8150	28.37	-6.35	29.07	282
6175	21.80	-9.12	23.63	293	7175	22.04	-8.54	23.64	291	8175	28.37	-6.70	29.15	283
6200	21.87	-8.96	23.63	292	7200	21.96	-8.20	23.44	290	8200	28.44	-6.73	29.23	283
6225	21.79	-8.95	23.56	292	7225	22.03	-7.52	23.28	289	8225	28.33	-7.20	29.23	284
6250	21.76	-8.96	23.53	292	7250	21.83	-7.23	22.99	288	8250	28.05	-7.62	29.07	285
6275	21.91	-9.18	23.76	293	7275	21.88	-7.02	22.98	288	8275	27.99	-7.60	29.00	285
6300	22.15	-9.29	24.02	293	7300	22.29	-6.94	23.35	287	8300	28.28	-7.40	29.23	284
6325	22.29	-9.03	24.05	292	7325	22.59	-7.40	23.77	288	8325	28.49	-7.94	29.57	285
6350	22.29	-8.70	23.93	291	7350	23.18	-7.40	24.33	288	8350	28.61	-8.64	29.89	287
6375	22.15	-8.68	23.79	291	7375	23.71	-6.95	24.70	286	8375	28.58	-9.06	29.98	287
6400	22.03	-8.87	23.74	292	7400	24.08	-7.08	25.10	286	8400	28.58	-8.97	29.95	287
6425	21.92	-9.00	23.70	292	7425	24.20	-7.48	25.33	287	8425	28.53	-8.66	29.82	287
6450	22.15	-9.21	23.99	292	7450	24.26	-7.67	25.44	287	8450	28.30	-8.83	29.64	287
6475	22.70	-9.36	24.55	292	7475	24.42	-8.05	25.71	288	8475	28.23	-9.02	29.64	288
6500	23.30	-9.36	25.11	292	7500	24.68	-8.23	26.01	288	8500	28.32	-9.19	29.77	288
6525	23.83	-9.22	25.55	291	7525	24.83	-8.42	26.22	289	8525	28.60	-9.69	30.20	289
6550	24.10	-9.22	25.80	291	7550	25.08	-8.73	26.56	289	8550	28.53	-10.26	30.32	290
6575	24.50	-9.24	26.19	290	7575	25.43	-8.73	26.89	289	8575	28.65	-10.04	30.36	289
6600	24.86	-8.91	26.40	290	7600	25.90	-8.49	27.25	288	8600	28.90	-9.70	30.49	288
6625	24.80	-8.70	26.28	289	7625	26.41	-8.10	27.62	287	8625	28.45	-10.09	30.19	289
6650	24.60	-8.61	26.06	289	7650	26.78	-8.13	27.99	287	8650	28.25	-9.94	29.94	289
6675	24.34	-8.43	25.76	289	7675	26.97	-8.23	28.19	287	8675	28.65	-10.20	30.41	289
6700	24.21	-8.45	25.64	289	7700	27.13	-8.19	28.34	287	8700	28.69	-11.29	30.83	291
6725	24.18	-8.54	25.65	289	7725	27.18	-8.21	28.39	287	8725	28.83	-10.96	30.84	291
6750	24.12	-8.63	25.61	290	7750	27.05	-8.03	28.22	286	8750	28.80	-10.89	30.79	291
6775	24.05	-8.62	25.55	290	7775	26.87	-7.61	27.93	286	8775	28.75	-11.66	31.03	292
6800	23.96	-8.48	25.42	289	7800	26.71	-7.38	27.71	285	8800	28.98	-12.09	31.40	292

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-81 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-4 04/13/65, 1700Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
8825	29.01	-13.10	31.83	294	9825	33.06	-19.95	38.61	301	10825	35.95	-18.90	40.62	298
8850	28.87	-13.46	31.85	295	9850	33.14	-19.76	38.59	301	10850	36.17	-18.20	40.49	297
8875	28.61	-13.38	31.58	295	9875	33.21	-19.20	38.36	300	10875	36.07	-18.35	40.47	297
8900	29.05	-13.39	31.98	295	9900	33.13	-19.10	38.24	300	10900	36.00	-18.84	40.63	297
8925	29.41	-13.42	32.32	294	9925	33.40	-18.46	38.16	299	10925	36.01	-18.72	40.58	297
8950	29.37	-13.85	32.47	295	9950	33.71	-18.10	38.26	298	10950	36.19	-18.75	40.76	297
8975	29.06	-14.95	32.68	297	9975	33.96	-17.79	38.33	297	10975	36.37	-18.54	40.83	297
9000	29.36	-15.41	33.16	298	10000	34.37	-17.41	38.53	297	11000	35.98	-19.01	40.69	298
9025	29.92	-15.24	33.58	297	10025	34.02	-18.09	38.54	298	11025	35.85	-19.19	40.67	298
9050	29.47	-15.80	33.44	298	10050	33.45	-18.72	38.34	299	11050	35.78	-19.41	40.70	298
9075	28.94	-16.75	33.44	300	10075	34.02	-17.86	38.42	298	11075	36.33	-18.71	40.86	297
9100	29.57	-16.08	33.66	298	10100	33.97	-18.28	38.57	298	11100	36.48	-18.72	41.00	297
9125	29.99	-16.22	34.10	298	10125	33.78	-18.70	38.61	299	11125	36.16	-20.06	41.35	299
9150	29.84	-16.61	34.15	299	10150	33.76	-18.48	38.49	299	11150	36.67	-19.36	41.47	298
9175	29.52	-17.35	34.24	300	10175	34.20	-18.19	38.74	298	11175	36.42	-19.81	41.46	298
9200	29.91	-17.79	34.80	301	10200	34.40	-18.36	38.99	298	11200	36.45	-20.12	41.64	299
9225	30.61	-17.08	35.05	299	10225	34.46	-18.53	39.13	298	11225	36.82	-20.15	41.97	299
9250	30.66	-17.55	35.33	300	10250	34.32	-18.98	39.22	299	11250	35.59	-22.00	41.84	302
9275	30.72	-18.32	35.77	301	10275	33.96	-19.32	39.08	299	11275	35.10	-22.04	41.44	302
9300	30.79	-18.82	36.09	301	10300	34.12	-18.73	38.92	299	11300	36.41	-20.23	41.66	299
9325	30.87	-18.91	36.20	301	10325	34.11	-18.79	38.94	299	11325	36.40	-20.55	41.81	299
9350	31.12	-18.91	36.42	301	10350	33.89	-18.94	38.82	299	11350	36.44	-21.36	42.24	300
9375	31.19	-19.54	36.81	302	10375	34.07	-18.51	38.77	298	11375	36.94	-20.60	42.30	299
9400	31.16	-20.01	37.03	303	10400	33.91	-18.98	38.86	299	11400	36.98	-19.79	41.94	298
9425	31.42	-20.18	37.34	303	10425	33.83	-18.76	38.68	299	11425	36.79	-20.54	42.14	299
9450	31.57	-20.99	37.91	303	10450	33.88	-18.57	38.64	299	11450	36.80	-21.69	42.71	300
9475	31.59	-21.08	37.97	304	10475	33.61	-19.23	38.73	300	11475	37.04	-21.59	42.88	300
9500	32.36	-20.85	38.49	303	10500	34.25	-18.21	38.79	298	11500	37.40	-20.83	42.81	299
9525	32.88	-20.88	38.95	302	10525	34.88	-17.14	38.87	296	11525	37.26	-21.57	43.06	300
9550	32.64	-21.50	39.09	303	10550	34.65	-17.64	38.89	297	11550	37.47	-21.03	42.97	299
9575	32.86	-21.40	39.21	303	10575	35.07	-17.96	39.40	297	11575	38.22	-20.45	43.35	298
9600	33.31	-20.53	39.13	301	10600	35.45	-17.94	39.73	297	11600	38.78	-20.42	43.82	298
9625	32.97	-21.31	39.26	303	10625	35.20	-18.56	39.80	298	11625	38.74	-20.61	43.88	298
9650	33.01	-21.95	39.64	303	10650	35.24	-18.28	39.70	297	11650	38.93	-19.84	43.70	297
9675	33.26	-21.88	39.81	303	10675	35.60	-18.09	39.93	297	11675	38.77	-20.06	43.66	297
9700	33.17	-21.32	39.43	303	10700	35.71	-18.57	40.25	297	11700	38.40	-20.39	43.48	298
9725	32.81	-20.64	38.76	302	10725	35.80	-18.48	40.29	297	11725	39.58	-18.42	43.65	295
9750	32.92	-20.27	38.66	301	10750	35.67	-18.86	40.35	298	11750	40.31	-17.47	43.94	293
9775	32.75	-20.85	38.83	302	10775	35.57	-18.69	40.18	298	11775	39.85	-18.25	43.83	294
9800	32.82	-20.28	38.57	302	10800	35.74	-18.44	40.22	297	11800	39.74	-19.68	44.35	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-4 04/13/65, 1700Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
11825	40.23	-18.76	44.39	295	12825	36.72	-19.64	41.64	298	13825	33.59	-9.85	35.01	286
11850	40.53	-17.16	44.02	293	12850	36.54	-20.55	41.92	299	13850	34.36	-8.73	35.45	284
11875	41.62	-16.22	44.67	291	12875	36.77	-20.53	42.11	299	13875	34.06	-10.33	35.59	287
11900	41.77	-16.11	44.77	291	12900	36.95	-19.42	41.75	298	13900	34.19	-11.03	35.92	288
11925	40.83	-17.50	44.42	293	12925	36.98	-19.24	41.68	297	13925	35.27	-10.17	36.71	286
11950	40.95	-17.52	44.54	293	12950	36.33	-19.71	41.33	298	13950	35.47	-12.04	37.46	289
11975	40.84	-17.58	44.47	293	12975	35.30	-20.98	41.07	301	13975	35.78	-12.29	37.83	289
12000	40.95	-18.06	44.76	294	13000	35.45	-20.45	40.92	300	14000	36.05	-11.92	37.97	288
12025	40.96	-17.97	44.73	294	13025	34.75	-20.49	40.34	300					
12050	41.01	-16.93	44.36	292	13050	33.61	-20.63	39.44	301					
12075	41.18	-17.24	44.65	293	13075	32.96	-19.70	38.40	301					
12100	40.67	-18.05	44.49	294	13100	32.99	-20.11	38.63	301					
12125	41.16	-17.89	44.88	293	13125	32.80	-20.32	38.58	302					
12150	41.35	-17.75	45.00	293	13150	32.24	-20.36	38.13	302					
12175	40.82	-17.89	44.57	293	13175	31.62	-20.35	37.61	303					
12200	40.70	-17.95	44.48	294	13200	31.27	-20.37	37.32	303					
12225	41.17	-17.22	44.63	293	13225	32.17	-17.84	36.79	299					
12250	40.95	-17.04	44.35	292	13250	32.29	-18.05	36.99	299					
12275	40.23	-18.33	44.21	294	13275	31.35	-18.51	36.41	300					
12300	40.28	-18.82	44.46	295	13300	30.50	-17.84	35.33	300					
12325	40.12	-18.34	44.12	294	13325	29.90	-16.64	34.21	299					
12350	39.88	-19.41	44.35	296	13350	31.79	-14.07	34.77	294					
12375	40.44	-19.38	44.84	295	13375	32.18	-13.50	34.89	293					
12400	39.78	-20.09	44.56	297	13400	30.59	-14.28	33.75	295					
12425	38.81	-20.23	43.76	297	13425	30.19	-13.86	33.22	294					
12450	39.26	-18.85	43.55	295	13450	30.54	-12.13	32.85	291					
12475	39.03	-19.34	43.56	296	13475	30.43	-12.52	32.91	292					
12500	39.17	-19.03	43.55	296	13500	30.85	-11.52	32.93	290					
12525	39.05	-19.38	43.59	296	13525	31.42	-10.36	33.08	288					
12550	39.48	-18.78	43.72	295	13550	30.86	-11.99	33.10	291					
12575	39.25	-19.15	43.67	296	13575	31.15	-11.84	33.32	291					
12600	38.93	-18.97	43.31	296	13600	32.24	-10.51	33.91	288					
12625	39.07	-18.38	43.18	295	13625	32.56	-10.99	34.36	288					
12650	38.82	-19.21	43.31	296	13650	33.62	-10.97	35.36	288					
12675	38.79	-19.60	43.46	297	13675	33.88	-10.85	35.58	288					
12700	38.67	-19.36	43.25	296	13700	33.61	-10.58	35.24	287					
12725	37.90	-20.35	43.02	298	13725	33.04	-11.10	34.86	288					
12750	37.39	-20.74	42.76	299	13750	33.39	-10.76	35.09	288					
12775	36.92	-20.90	42.43	299	13775	34.04	-9.23	35.27	285					
12800	36.94	-20.71	42.35	299	13800	34.12	-8.71	35.21	284					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-82

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2272-8 04/13/65, 2210Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	-0.15	1.51	1.52	174	1225	9.11	-3.82	9.88	293	2225	4.31	-6.44	7.75	326
250	0.47	1.20	1.29	201	1250	8.95	-3.97	9.79	294	2250	4.05	-6.30	7.49	327
275	1.35	0.93	1.64	235	1275	8.89	-4.19	9.83	295	2275	3.88	-5.99	7.14	327
300	2.45	0.50	2.50	258	1300	8.97	-4.34	9.97	296	2300	3.84	-5.63	6.82	326
325	3.60	0.02	3.60	270	1325	9.04	-4.62	10.15	297	2325	3.73	-5.48	6.63	326
350	4.64	-0.34	4.65	274	1350	8.93	-4.93	10.21	299	2350	3.56	-5.24	6.33	326
375	5.54	-0.51	5.56	275	1375	8.94	-5.47	10.48	301	2375	3.50	-5.09	6.18	325
400	6.30	-0.58	6.32	275	1400	8.79	-6.17	10.74	305	2400	3.40	-5.10	6.13	326
425	6.62	-0.82	6.67	277	1425	8.53	-6.56	10.76	307	2425	3.31	-4.94	5.94	326
450	6.43	-0.91	6.49	278	1450	8.59	-6.97	11.06	309	2450	3.35	-4.81	5.86	325
475	6.33	-0.88	6.39	278	1475	8.78	-7.60	11.61	311	2475	3.34	-4.86	5.89	325
500	6.26	-0.91	6.33	278	1500	8.99	-8.21	12.18	312	2500	3.27	-4.71	5.74	325
525	6.21	-0.92	6.27	278	1525	9.06	-8.84	12.66	314	2525	3.24	-4.46	5.51	324
550	6.56	-0.96	6.63	278	1550	8.93	-9.60	13.11	317	2550	3.10	-4.37	5.35	324
575	7.01	-1.06	7.09	278	1575	8.93	-10.22	13.57	319	2575	3.01	-4.28	5.24	325
600	7.53	-1.07	7.60	278	1600	9.00	-10.85	14.10	320	2600	3.16	-4.19	5.25	323
625	7.85	-1.03	7.92	277	1625	8.67	-11.44	14.35	323	2625	3.26	-4.22	5.33	322
650	7.77	-1.02	7.84	277	1650	8.10	-11.57	14.12	325	2650	3.33	-4.25	5.40	322
675	7.66	-0.95	7.71	277	1675	7.70	-11.62	13.94	326	2675	3.91	-4.17	5.72	317
700	7.56	-0.90	7.61	277	1700	7.45	-11.68	13.85	327	2700	4.40	-4.09	6.01	313
725	7.67	-0.98	7.73	277	1725	7.37	-11.77	13.89	328	2725	4.60	-3.88	6.02	310
750	8.19	-1.13	8.27	278	1750	6.98	-12.04	13.92	330	2750	4.91	-3.67	6.13	307
775	8.50	-1.38	8.61	279	1775	6.43	-12.21	13.80	332	2775	5.09	-3.92	6.43	307
800	8.49	-1.45	8.61	280	1800	5.95	-12.06	13.44	334	2800	5.10	-4.28	6.65	310
825	8.47	-1.47	8.60	280	1825	5.63	-11.73	13.01	334	2825	5.29	-4.37	6.86	309
850	8.29	-1.77	8.47	282	1850	5.69	-11.48	12.81	333	2850	5.53	-4.58	7.18	309
875	8.15	-1.89	8.37	283	1875	5.91	-11.50	12.93	333	2875	5.60	-4.71	7.31	310
900	8.10	-1.99	8.34	284	1900	6.06	-11.66	13.14	332	2900	5.78	-4.77	7.49	309
925	8.16	-2.15	8.44	285	1925	6.02	-11.50	12.98	332	2925	5.97	-5.10	7.85	310
950	8.46	-2.15	8.73	284	1950	5.85	-11.41	12.83	333	2950	6.22	-5.40	8.23	311
975	8.70	-2.22	8.98	284	1975	5.78	-11.48	12.85	333	2975	6.62	-5.62	8.68	310
1000	8.85	-2.29	9.14	284	2000	5.99	-11.47	12.94	332	3000	6.88	-5.74	8.96	310
1025	8.94	-2.50	9.28	285	2025	6.14	-11.41	12.95	332	3025	7.36	-5.68	9.29	307
1050	8.89	-2.83	9.33	287	2050	6.22	-11.08	12.71	331	3050	8.00	-5.78	9.87	306
1075	8.77	-3.02	9.27	289	2075	6.34	-10.28	12.08	328	3075	8.56	-6.07	10.50	305
1100	8.72	-3.15	9.27	290	2100	6.26	-9.26	11.18	326	3100	8.86	-6.20	10.82	305
1125	9.03	-3.28	9.60	290	2125	5.91	-8.41	10.28	325	3125	8.89	-6.07	10.76	304
1150	9.47	-3.33	10.04	289	2150	5.58	-7.88	9.65	325	3150	8.81	-5.78	10.54	303
1175	9.58	-3.57	10.22	290	2175	5.31	-7.48	9.17	324	3175	8.68	-5.66	10.37	303
1200	9.37	-3.83	10.13	292	2200	4.81	-6.89	8.41	325	3200	8.67	-5.86	10.46	304

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2272-8 04/13/65, 2210Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	8.63	-6.10	10.56	305	4225	13.11	-4.77	13.95	290	5225	18.17	-12.71	22.18	305
3250	8.48	-6.10	10.45	306	4250	13.42	-4.78	14.24	289	5250	18.27	-12.79	22.30	305
3275	8.45	-5.99	10.36	305	4275	13.46	-4.82	14.29	290	5275	18.40	-12.69	22.35	304
3300	8.52	-5.86	10.34	304	4300	13.28	-4.77	14.11	290	5300	18.44	-12.85	22.48	305
3325	8.42	-5.81	10.23	304	4325	12.31	-4.50	13.11	290	5325	18.54	-13.07	22.68	305
3350	8.34	-5.74	10.13	304	4350	12.54	-4.81	13.43	291	5350	18.58	-13.26	22.83	305
3375	8.43	-5.72	10.19	304	4375	13.73	-5.45	14.77	291	5375	18.68	-13.51	23.06	306
3400	8.53	-5.85	10.35	304	4400	13.73	-5.56	14.82	292	5400	19.03	-13.38	23.27	305
3425	8.66	-6.00	10.54	305	4425	13.80	-5.60	14.89	292	5425	19.54	-13.19	23.57	304
3450	8.90	-5.95	10.70	304	4450	14.25	-5.75	15.36	292	5450	20.06	-13.06	23.93	303
3475	8.86	-5.72	10.54	303	4475	14.66	-5.81	15.77	291	5475	20.46	-12.97	24.23	302
3500	8.65	-5.34	10.16	302	4500	14.77	-5.87	15.90	291	5500	20.48	-13.15	24.34	303
3525	8.58	-5.07	9.97	300	4525	15.00	-5.73	16.06	291	5525	20.52	-13.29	24.45	303
3550	8.48	-5.01	9.85	300	4550	14.98	-5.52	15.97	290	5550	20.71	-13.21	24.56	302
3575	8.57	-4.69	9.77	299	4575	14.81	-5.52	15.81	290	5575	20.88	-13.25	24.73	302
3600	8.69	-4.33	9.72	296	4600	15.05	-5.54	16.04	290	5600	21.17	-13.21	24.95	302
3625	8.69	-4.22	9.66	296	4625	15.30	-5.64	16.30	290	5625	21.16	-13.18	24.93	302
3650	8.64	-3.99	9.52	295	4650	15.80	-6.16	16.96	291	5650	21.19	-13.33	25.03	302
3675	8.72	-3.65	9.45	293	4675	16.22	-6.86	17.61	293	5675	21.34	-13.21	25.10	302
3700	8.80	-3.49	9.47	291	4700	16.29	-7.48	17.92	294	5700	21.48	-13.40	25.32	302
3725	8.89	-3.41	9.52	291	4725	16.56	-7.80	18.31	295	5725	21.58	-13.89	25.66	303
3750	9.44	-3.39	10.03	290	4750	16.84	-8.20	18.73	296	5750	21.54	-14.40	25.91	304
3775	9.88	-3.36	10.43	289	4775	16.96	-8.50	18.97	296	5775	21.64	-14.73	26.18	304
3800	9.96	-3.08	10.43	287	4800	17.22	-8.80	19.34	297	5800	21.83	-14.78	26.37	304
3825	10.25	-2.63	10.58	284	4825	17.68	-9.43	20.04	298	5825	21.56	-14.76	26.13	304
3850	10.40	-2.51	10.70	283	4850	18.02	-9.81	20.52	298	5850	21.49	-14.50	25.92	304
3875	10.45	-2.54	10.76	283	4875	18.13	-10.27	20.84	299	5875	21.27	-14.57	25.78	304
3900	10.70	-2.53	10.99	283	4900	18.20	-10.92	21.23	301	5900	20.74	-15.11	25.66	306
3925	10.83	-2.49	11.11	283	4925	18.14	-11.22	21.33	302	5925	20.71	-15.51	25.88	307
3950	10.91	-2.64	11.22	283	4950	18.11	-11.55	21.48	302	5950	21.14	-15.93	26.47	307
3975	11.01	-2.79	11.36	284	4975	18.20	-11.86	21.72	303	5975	21.41	-16.30	26.91	307
4000	11.07	-2.75	11.41	284	5000	18.05	-12.02	21.69	303	6000	21.56	-16.02	26.86	306
4025	11.19	-2.81	11.53	284	5025	18.16	-12.36	21.97	304	6025	22.01	-15.36	26.84	305
4050	11.48	-2.87	11.83	284	5050	18.51	-12.60	22.39	304	6050	22.29	-14.80	26.76	303
4075	12.03	-2.82	12.36	283	5075	18.61	-12.63	22.49	304	6075	22.63	-14.41	26.83	302
4100	12.40	-3.00	12.76	283	5100	18.56	-12.66	22.47	304	6100	22.96	-14.14	26.96	301
4125	12.47	-3.45	12.94	285	5125	18.38	-12.73	22.36	305	6125	22.89	-14.02	26.85	301
4150	12.63	-3.99	13.24	287	5150	18.09	-12.57	22.03	305	6150	22.71	-13.82	26.58	301
4175	12.91	-4.31	13.61	288	5175	18.10	-12.68	22.10	305	6175	22.62	-13.57	26.38	301
4200	12.94	-4.53	13.72	289	5200	18.21	-12.72	22.21	305	6200	22.87	-13.13	26.37	300

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-8Z (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2272-8 04/13/65, 2210Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	22.82	-12.81	26.17	299	7225	22.86	-11.01	25.38	296	8225	28.03	-11.67	30.36	292
6250	22.76	-12.79	26.11	299	7250	22.78	-11.27	25.42	296	8250	28.11	-11.76	30.47	293
6275	23.03	-12.53	26.22	298	7275	22.63	-11.34	25.32	296	8275	28.09	-11.77	30.45	293
6300	23.11	-12.36	26.21	298	7300	22.68	-11.25	25.32	296	8300	28.04	-11.87	30.45	293
6325	22.99	-12.47	26.15	298	7325	22.95	-11.00	25.45	295	8325	28.31	-11.97	30.73	293
6350	23.07	-12.34	26.16	298	7350	23.25	-10.55	25.53	294	8350	28.53	-11.96	30.94	293
6375	23.15	-12.23	26.18	298	7375	23.32	-10.44	25.55	294	8375	28.74	-12.23	31.24	293
6400	22.95	-12.12	25.95	298	7400	23.52	-10.65	25.82	294	8400	28.95	-12.85	31.68	294
6425	22.64	-11.62	25.44	297	7425	23.86	-11.13	26.32	295	8425	28.76	-13.38	31.72	295
6450	21.86	-11.49	24.69	298	7450	24.04	-11.97	26.86	296	8450	28.67	-13.27	31.59	295
6475	21.34	-11.37	24.18	298	7475	24.18	-12.45	27.20	297	8475	28.79	-13.34	31.73	295
6500	21.23	-11.16	23.98	298	7500	23.99	-12.78	27.18	298	8500	28.83	-13.34	31.77	295
6525	20.93	-11.40	23.83	298	7525	23.80	-13.22	27.22	299	8525	28.73	-13.31	31.67	295
6550	20.98	-11.76	24.05	299	7550	23.49	-13.84	27.26	300	8550	28.67	-13.48	31.68	295
6575	20.96	-11.80	24.05	299	7575	23.05	-14.51	27.23	302	8575	28.51	-13.38	31.50	295
6600	20.88	-12.13	24.15	300	7600	22.74	-14.76	27.11	303	8600	28.32	-13.18	31.24	295
6625	21.00	-12.43	24.40	300	7625	22.98	-14.57	27.21	302	8625	28.23	-12.95	31.06	294
6650	21.05	-12.17	24.32	300	7650	23.36	-14.16	27.31	301	8650	28.11	-13.07	31.00	295
6675	21.21	-12.11	24.42	300	7675	23.40	-13.71	27.12	300	8675	28.03	-13.17	30.97	295
6700	21.37	-11.90	24.46	299	7700	23.54	-13.00	26.89	299	8700	27.83	-13.34	30.87	295
6725	21.35	-11.61	24.30	298	7725	23.51	-12.82	26.78	298	8725	27.94	-13.55	31.06	296
6750	20.98	-11.64	24.00	299	7750	23.31	-12.88	26.63	299	8750	28.07	-13.56	31.17	296
6775	20.60	-11.80	23.74	300	7775	23.20	-12.97	26.58	299	8775	27.99	-13.79	31.21	296
6800	20.41	-11.82	23.59	300	7800	23.22	-12.81	26.51	299	8800	27.93	-14.14	31.30	297
6825	20.96	-11.52	23.92	299	7825	23.23	-12.52	26.39	298	8825	27.98	-13.82	31.21	296
6850	21.37	-11.60	24.31	298	7850	23.15	-12.62	26.37	298	8850	28.14	-13.95	31.41	296
6875	21.47	-11.68	24.44	298	7875	23.28	-12.39	26.37	298	8875	28.14	-14.47	31.64	297
6900	21.79	-11.69	24.73	298	7900	23.53	-12.27	26.54	297	8900	27.98	-14.34	31.44	297
6925	21.85	-11.68	24.78	298	7925	23.77	-12.33	26.78	297	8925	27.79	-14.25	31.23	297
6950	22.09	-11.68	24.99	298	7950	24.35	-12.47	27.36	297	8950	27.82	-14.33	31.30	297
6975	22.54	-11.59	25.34	297	7975	24.84	-12.97	28.02	297	8975	27.88	-14.83	31.58	298
7000	22.73	-11.27	25.37	296	8000	25.30	-13.02	28.46	297	9000	27.59	-15.42	31.60	299
7025	22.77	-11.06	25.32	296	8025	25.59	-13.04	28.73	297	9025	27.90	-15.48	31.91	299
7050	22.89	-10.77	25.30	295	8050	26.24	-12.93	29.25	296	9050	28.39	-15.72	32.45	299
7075	23.05	-10.43	25.30	294	8075	26.99	-12.66	29.81	295	9075	28.77	-16.33	33.08	299
7100	22.94	-10.25	25.12	294	8100	27.23	-12.50	29.96	294	9100	29.07	-16.97	33.66	300
7125	22.76	-10.22	24.95	294	8125	27.46	-12.40	30.13	294	9125	29.30	-17.78	34.27	301
7150	22.79	-10.54	25.11	295	8150	27.67	-12.56	30.38	294	9150	29.49	-17.92	34.50	301
7175	22.78	-10.78	25.20	295	8175	27.88	-12.36	30.50	294	9175	29.44	-18.45	34.75	302
7200	22.82	-10.88	25.28	295	8200	27.99	-11.97	30.44	293	9200	29.39	-18.72	34.84	302

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2272-8 04/13/65, 2210Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	29.43	-18.83	34.93	302	10225	32.56	-22.40	39.53	304	11225	39.41	-25.79	47.10	303
9250	29.27	-19.47	35.16	303	10250	32.88	-22.52	39.86	304	11250	39.72	-24.99	46.92	302
9275	29.38	-19.71	35.38	304	10275	32.88	-22.64	39.92	304	11275	39.73	-25.23	47.06	302
9300	29.61	-19.90	35.68	304	10300	32.99	-23.09	40.27	305	11300	39.41	-26.16	47.30	303
9325	29.46	-20.12	35.68	304	10325	33.12	-23.41	40.56	305	11325	39.41	-26.13	47.29	303
9350	29.37	-20.10	35.59	304	10350	33.07	-23.45	40.54	305	11350	40.14	-25.21	47.40	302
9375	29.25	-20.33	35.62	305	10375	33.04	-23.48	40.53	305	11375	39.88	-25.77	47.49	303
9400	29.23	-20.47	35.68	305	10400	33.75	-23.95	41.39	305	11400	39.33	-25.90	47.10	303
9425	29.17	-20.44	35.62	305	10425	34.07	-23.86	41.59	305	11425	39.93	-24.84	47.03	302
9450	29.06	-20.66	35.66	305	10450	34.03	-23.20	41.18	304	11450	40.11	-24.85	47.19	302
9475	29.19	-20.94	35.93	305	10475	34.34	-23.21	41.45	304	11475	39.96	-25.51	47.41	302
9500	29.25	-21.40	36.24	306	10500	34.63	-23.02	41.59	303	11500	40.24	-25.45	47.61	302
9525	29.19	-21.57	36.30	306	10525	34.75	-22.61	41.46	303	11525	41.03	-24.68	47.88	301
9550	29.12	-21.48	36.18	306	10550	34.59	-22.59	41.32	303	11550	41.26	-25.07	48.28	301
9575	29.02	-21.75	36.27	307	10575	34.26	-22.66	41.08	303	11575	41.11	-25.27	48.26	301
9600	29.02	-21.82	36.31	307	10600	34.83	-21.95	41.17	302	11600	42.00	-24.39	48.57	300
9625	29.07	-21.59	36.21	306	10625	35.10	-21.97	41.41	302	11625	41.48	-24.91	48.38	301
9650	29.10	-21.72	36.31	307	10650	34.97	-22.39	41.53	302	11650	41.06	-25.37	48.26	302
9675	29.21	-22.05	36.60	307	10675	35.26	-22.17	41.65	302	11675	41.52	-25.09	48.51	301
9700	29.56	-21.97	36.84	306	10700	35.24	-22.44	41.78	302	11700	41.33	-25.21	48.41	301
9725	29.78	-21.91	36.97	306	10725	35.15	-22.64	41.80	303	11725	41.20	-25.26	48.33	301
9750	29.98	-21.87	37.11	306	10750	35.30	-22.91	42.08	303	11750	40.73	-25.16	47.87	302
9775	30.12	-21.49	37.00	305	10775	35.63	-23.52	42.69	303	11775	40.99	-24.16	47.58	300
9800	30.27	-21.39	37.07	305	10800	35.83	-23.57	42.89	303	11800	40.78	-24.89	47.78	301
9825	30.67	-21.59	37.51	305	10825	36.10	-24.07	43.39	304	11825	40.44	-25.43	47.77	302
9850	30.60	-22.35	37.90	306	10850	36.42	-24.72	44.02	304	11850	40.56	-24.96	47.63	301
9875	30.76	-22.43	38.07	306	10875	36.97	-24.48	44.34	303	11875	40.15	-24.95	47.27	302
9900	30.90	-22.34	38.13	306	10900	37.67	-24.66	45.03	303	11900	39.19	-25.32	46.66	303
9925	30.72	-22.70	38.20	306	10925	37.64	-25.03	45.20	303	11925	39.02	-25.38	46.55	303
9950	30.95	-22.63	38.34	306	10950	37.76	-24.99	45.28	303	11950	39.42	-24.79	46.56	302
9975	31.17	-22.86	38.65	306	10975	38.24	-24.84	45.60	303	11975	39.20	-25.28	46.64	303
10000	31.50	-22.92	38.96	306	11000	38.50	-24.78	45.78	303	12000	39.30	-25.35	46.76	303
10025	31.99	-22.70	39.23	305	11025	38.45	-25.20	45.97	303	12025	39.61	-25.42	47.06	303
10050	32.30	-22.88	39.59	305	11050	38.50	-25.43	46.13	303	12050	39.67	-25.20	47.00	302
10075	32.64	-22.60	39.70	305	11075	38.46	-26.00	46.43	304	12075	39.93	-25.09	47.16	302
10100	32.65	-22.30	39.54	304	11100	38.64	-25.79	46.45	304	12100	39.91	-25.57	47.39	302
10125	32.41	-22.85	39.65	305	11125	38.68	-25.12	46.12	303	12125	39.97	-24.91	47.09	302
10150	32.41	-22.39	39.39	304	11150	38.44	-25.93	46.36	304	12150	39.78	-24.20	46.57	301
10175	32.51	-21.37	38.91	303	11175	38.90	-25.68	46.61	303	12175	39.74	-24.68	46.78	302
10200	32.34	-21.89	39.05	304	11200	39.31	-25.50	46.86	303	12200	40.02	-24.75	47.05	302

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-82 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-8 04/13/65, 2210Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	40.70	-23.61	47.05	300	13225	35.30	-19.77	40.46	299	14225	32.86	-14.16	35.78	293
12250	40.82	-23.48	47.09	300	13250	35.63	-19.60	40.88	299	14250	33.43	-13.40	36.01	292
12275	40.40	-23.87	46.93	300	13275	35.79	-20.22	41.11	299	14275	33.17	-15.64	36.67	295
12300	40.55	-23.41	46.82	300	13300	35.62	-20.32	41.01	300	14300	33.16	-15.89	36.77	295
12325	40.76	-23.26	46.93	300	13325	35.51	-20.52	41.02	300	14325	33.13	-15.82	36.71	295
12350	41.31	-22.21	46.90	298	13350	35.04	-21.06	40.88	301	14350	32.46	-17.36	36.82	298
12375	41.40	-21.51	46.65	297	13375	34.01	-21.86	40.43	303	14375	33.65	-16.69	37.56	296
12400	40.51	-21.67	45.94	298	13400	33.85	-22.74	40.77	304	14400	33.42	-17.65	37.79	298
12425	40.55	-21.18	45.75	297	13425	33.66	-22.94	40.73	304	14425	32.68	-19.13	37.87	300
12450	40.68	-21.08	45.81	297	13450	32.75	-22.89	39.96	305	14450	33.37	-18.42	38.12	299
12475	40.80	-20.91	45.85	297	13475	32.11	-21.92	38.88	304	14475	33.60	-17.71	37.98	298
12500	41.53	-19.94	46.07	295	13500	32.43	-22.70	39.58	305	14500	31.95	-18.96	37.15	301
12525	41.04	-20.14	45.71	296	13525	32.54	-22.41	39.51	304	14525	31.11	-19.27	36.59	302
12550	39.49	-21.34	44.88	298	13550	32.20	-21.97	38.98	304	14550	30.50	-18.10	35.47	301
12575	41.31	-20.34	46.05	296	13575	31.92	-22.09	38.82	305	14575	30.24	-18.33	35.36	301
12600	41.70	-20.18	46.33	296	13600	32.19	-20.81	38.33	303	14600	30.03	-18.13	35.08	301
12625	42.01	-19.67	46.39	295	13625	31.42	-20.91	37.74	303	14625	29.13	-19.46	35.04	304
12650	42.07	-19.80	46.49	295	13650	31.35	-21.53	38.03	304	14650	29.75	-18.77	35.17	302
12675	41.41	-20.58	46.24	296	13675	31.53	-20.76	37.75	303	14675	29.80	-19.56	35.65	303
12700	40.52	-20.58	45.44	297	13700	30.81	-19.18	36.30	302	14700	29.07	-21.33	36.06	306
12725	39.92	-19.64	44.50	296	13725	30.24	-20.38	36.46	304	14725	28.45	-22.05	35.99	308
12750	40.10	-21.20	45.36	298	13750	29.97	-20.27	36.18	304	14750	27.01	-23.50	35.80	311
12775	39.88	-21.38	45.25	298	13775	30.40	-19.81	36.29	303	14775	27.28	-21.14	34.51	308
12800	38.81	-21.62	44.43	299	13800	30.78	-19.05	36.20	302	14800	27.07	-20.81	34.14	307
12825	37.58	-21.70	43.40	300	13825	30.55	-18.07	35.50	300	14825	25.93	-21.23	33.51	309
12850	38.09	-21.38	43.68	299	13850	29.81	-18.04	34.85	301	14850	26.28	-18.79	32.31	305
12875	37.90	-22.42	44.03	300	13875	30.41	-17.73	35.20	300	14875	26.23	-18.90	32.34	306
12900	37.09	-22.86	43.57	301	13900	30.88	-17.82	35.65	300	14900	26.33	-18.29	32.06	305
12925	36.48	-23.33	43.30	302	13925	30.72	-17.99	35.60	300	14925	26.07	-18.92	32.21	306
12950	36.37	-23.88	43.51	303	13950	31.24	-17.49	35.81	299	14950	25.74	-18.30	31.58	305
12975	36.42	-23.48	43.33	303	13975	32.04	-18.54	37.02	300	14975	25.93	-16.42	30.69	302
13000	36.70	-22.95	43.28	302	14000	31.94	-19.15	37.24	301	15000	25.40	-16.78	30.44	303
13025	36.47	-22.68	42.95	302	14025	32.00	-19.02	37.22	301	15025	26.14	-16.09	30.70	301
13050	36.42	-21.94	42.52	301	14050	31.73	-19.34	37.15	301	15050	26.79	-15.11	30.75	299
13075	36.62	-20.44	41.94	299	14075	31.90	-18.43	36.84	300	15075	25.32	-16.10	30.01	302
13100	35.88	-21.24	41.70	300	14100	32.28	-17.38	36.66	298	15100	26.79	-14.82	30.61	299
13125	35.73	-20.91	41.40	300	14125	32.34	-16.59	36.35	297	15125	28.15	-14.34	31.59	297
13150	35.54	-20.44	41.00	300	14150	32.70	-15.69	36.27	295	15150	28.54	-14.13	31.85	296
13175	35.74	-19.75	40.83	299	14175	32.81	-15.58	36.32	295	15175	28.62	-13.53	31.66	295
13200	35.90	-19.24	40.73	298	14200	32.87	-15.00	36.13	294	15200	28.83	-13.36	31.78	295

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-8 04/13/65, 2210Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	29.48	-13.10	32.26	294	16225	33.58	-14.36	36.52	293					
15250	29.49	-13.21	32.32	294	16250	33.12	-15.54	36.58	295					
15275	30.90	-12.05	33.16	291										
15300	31.36	-12.98	33.94	292										
15325	31.09	-13.79	34.01	294										
15350	32.18	-13.00	34.70	292										
15375	33.31	-13.30	35.87	292										
15400	34.16	-13.36	36.68	291										
15425	35.17	-13.94	37.83	291										
15450	36.02	-14.63	38.88	292										
15475	36.25	-14.37	38.99	291										
15500	35.15	-15.62	38.47	294										
15525	35.03	-15.69	38.38	294										
15550	35.15	-14.31	37.95	292										
15575	35.37	-14.28	38.14	292										
15600	34.88	-15.39	38.12	294										
15625	34.45	-16.07	38.02	295										
15650	34.07	-16.61	37.90	296										
15675	33.59	-16.76	37.54	296										
15700	32.67	-16.99	36.82	297										
15725	32.08	-17.93	36.76	299										
15750	32.43	-16.95	36.59	297										
15775	32.40	-16.42	36.32	297										
15800	31.57	-17.64	36.16	299										
15825	31.10	-17.68	35.77	299										
15850	29.22	-18.03	34.34	301										
15875	28.18	-18.23	33.56	303										
15900	27.33	-17.39	32.40	302										
15925	27.18	-16.64	31.87	301										
15950	28.02	-15.85	32.19	299										
15975	28.73	-15.26	32.53	298										
16000	29.26	-14.93	32.85	297										
16025	29.28	-14.99	32.90	297										
16050	30.27	-14.30	33.48	295										
16075	30.26	-14.97	33.76	296										
16100	30.62	-14.56	33.91	295										
16125	31.72	-12.88	34.24	292										
16150	32.00	-13.29	34.65	292										
16175	32.26	-14.10	35.20	293										
16200	32.48	-14.94	35.75	295										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-83

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-9 04/13/65, 2325Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	0.40	3.02	3.04	187	1200	8.43	-5.17	9.89	301	2200	1.88	-10.88	11.04	350
225	1.24	2.45	2.75	207	1225	8.53	-5.39	10.09	302	2225	1.96	-10.74	10.92	349
250	2.38	1.97	3.09	230	1250	8.62	-5.54	10.24	303	2250	2.16	-10.56	10.78	348
275	3.26	1.45	3.57	246	1275	8.69	-5.60	10.33	303	2275	2.27	-10.48	10.73	348
300	3.64	1.14	3.82	252	1300	8.88	-5.75	10.58	303	2300	2.31	-10.24	10.49	347
325	4.06	0.92	4.16	257	1325	8.80	-5.96	10.63	304	2325	2.65	-10.14	10.48	345
350	4.69	0.39	4.70	265	1350	8.49	-6.01	10.40	305	2350	3.01	-10.22	10.65	343
375	5.22	-0.20	5.22	272	1375	8.37	-5.99	10.29	305	2375	3.18	-10.06	10.55	342
400	5.57	-0.54	5.59	275	1400	8.37	-6.04	10.32	306	2400	3.58	-9.84	10.47	340
425	6.00	-0.89	6.07	278	1425	8.53	-6.16	10.52	306	2425	3.78	-9.76	10.46	339
450	6.25	-1.12	6.34	280	1450	8.66	-6.39	10.76	306	2450	3.90	-9.75	10.51	338
475	6.39	-1.18	6.49	280	1475	8.45	-6.59	10.72	308	2475	4.20	-9.60	10.48	336
500	6.72	-1.32	6.84	281	1500	8.22	-6.69	10.59	309	2500	4.35	-9.40	10.35	335
525	7.36	-1.59	7.53	282	1525	8.21	-7.13	10.87	311	2525	4.55	-9.10	10.17	333
550	7.94	-1.93	8.17	284	1550	8.39	-7.75	11.42	313	2550	4.71	-8.72	9.91	331
575	8.18	-2.11	8.45	284	1575	8.45	-8.07	11.69	314	2575	4.58	-8.54	9.69	332
600	8.32	-2.23	8.61	285	1600	8.19	-8.42	11.74	316	2600	4.34	-8.33	9.40	332
625	8.13	-2.51	8.50	287	1625	7.87	-8.88	11.87	318	2625	4.19	-7.55	8.64	331
650	7.89	-2.65	8.33	288	1650	7.76	-9.24	12.07	320	2650	4.00	-6.72	7.82	329
675	7.85	-2.72	8.31	289	1675	7.64	-9.85	12.47	322	2675	3.95	-6.18	7.33	327
700	7.92	-2.91	8.44	290	1700	7.43	-10.38	12.76	324	2700	4.19	-5.29	6.75	321
725	8.35	-3.15	8.92	290	1725	7.12	-10.75	12.90	326	2725	4.41	-4.45	6.27	315
750	8.81	-3.44	9.46	291	1750	6.53	-11.33	13.07	330	2750	4.39	-4.12	6.02	313
775	8.72	-3.55	9.42	292	1775	5.71	-11.65	12.97	334	2775	4.28	-3.77	5.70	311
800	8.55	-3.47	9.22	292	1800	5.16	-11.72	12.81	336	2800	4.44	-3.24	5.50	306
825	8.42	-3.49	9.11	292	1825	4.89	-11.62	12.61	337	2825	4.58	-2.83	5.39	302
850	8.37	-3.53	9.08	293	1850	4.55	-11.20	12.09	338	2850	4.68	-2.46	5.29	298
875	8.57	-3.57	9.28	292	1875	4.32	-10.86	11.69	338	2875	4.91	-2.30	5.42	295
900	8.59	-3.72	9.36	293	1900	4.12	-10.71	11.48	339	2900	4.94	-2.27	5.44	295
925	8.70	-3.81	9.49	293	1925	3.83	-10.47	11.15	340	2925	5.05	-2.16	5.50	293
950	9.01	-3.96	9.84	294	1950	3.48	-10.33	10.91	341	2950	5.46	-2.13	5.86	291
975	9.00	-4.15	9.91	295	1975	2.96	-10.27	10.69	344	2975	5.68	-2.28	6.12	292
1000	8.77	-4.06	9.67	295	2000	2.64	-10.19	10.53	345	3000	5.65	-2.55	6.20	294
1025	8.64	-4.12	9.57	295	2025	2.53	-10.23	10.54	346	3025	5.70	-2.83	6.36	296
1050	8.59	-4.41	9.65	297	2050	2.33	-10.32	10.58	347	3050	6.06	-3.06	6.79	297
1075	8.84	-4.51	9.92	297	2075	2.16	-10.37	10.59	348	3075	6.36	-3.28	7.16	297
1100	8.98	-4.51	10.05	297	2100	2.01	-10.51	10.70	349	3100	6.48	-3.38	7.31	297
1125	8.69	-4.56	9.82	298	2125	1.76	-10.74	10.89	351	3125	6.74	-3.54	7.62	298
1150	8.58	-4.59	9.73	298	2150	1.66	-10.79	10.92	351	3150	7.03	-3.78	7.98	298
1175	8.51	-4.81	9.77	299	2175	1.81	-10.80	10.95	350	3175	7.35	-3.93	8.34	298

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-9 04/13/65, 2325Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	7.83	-4.04	8.81	297	4200	14.68	-4.42	15.33	287	5200	17.61	-12.56	21.63	305
3225	8.35	-4.14	9.32	296	4225	14.78	-4.62	15.49	287	5225	17.45	-12.90	21.70	306
3250	8.88	-4.45	9.93	296	4250	14.57	-4.72	15.32	288	5250	17.50	-13.08	21.85	307
3275	9.28	-4.62	10.37	296	4275	14.32	-4.57	15.03	288	5275	17.75	-13.07	22.04	306
3300	9.10	-4.67	10.23	297	4300	14.30	-4.57	15.02	288	5300	18.15	-12.84	22.23	305
3325	8.68	-4.83	9.93	299	4325	14.37	-4.91	15.19	289	5325	18.64	-12.45	22.41	304
3350	8.49	-4.98	9.84	300	4350	14.34	-5.08	15.22	289	5350	19.05	-12.33	22.69	303
3375	8.42	-5.02	9.80	301	4375	14.43	-5.05	15.29	289	5375	19.19	-12.42	22.86	303
3400	8.42	-5.00	9.79	301	4400	14.69	-4.97	15.51	289	5400	19.11	-12.49	22.83	303
3425	8.38	-4.95	9.73	300	4425	14.92	-4.95	15.72	288	5425	19.39	-12.46	23.05	303
3450	8.27	-4.79	9.56	300	4450	14.88	-4.82	15.64	288	5450	19.71	-12.56	23.37	302
3475	8.26	-4.75	9.53	300	4475	15.10	-4.77	15.83	287	5475	19.97	-12.59	23.60	302
3500	8.31	-4.87	9.63	300	4500	15.35	-5.11	16.18	288	5500	20.17	-12.46	23.71	302
3525	8.46	-4.76	9.70	299	4525	15.53	-5.44	16.46	289	5525	20.30	-12.46	23.81	301
3550	8.60	-4.11	9.53	295	4550	15.74	-6.10	16.88	291	5550	20.39	-12.46	23.90	301
3575	8.67	-3.54	9.37	292	4575	15.86	-7.13	17.39	294	5575	20.60	-12.71	24.21	301
3600	8.76	-3.31	9.36	291	4600	15.94	-7.82	17.75	296	5600	20.76	-12.92	24.45	302
3625	8.88	-2.90	9.34	288	4625	15.92	-8.09	17.85	297	5625	20.77	-12.88	24.44	302
3650	9.04	-2.46	9.36	285	4650	16.14	-8.42	18.21	297	5650	20.98	-12.87	24.61	301
3675	9.21	-2.20	9.46	283	4675	16.33	-9.17	18.73	299	5675	21.03	-12.71	24.57	301
3700	9.33	-2.01	9.54	282	4700	16.24	-9.71	18.92	301	5700	21.16	-12.66	24.65	301
3725	9.40	-1.71	9.56	280	4725	16.08	-9.94	18.91	302	5725	21.29	-12.83	24.86	301
3750	9.66	-1.46	9.77	278	4750	16.18	-10.09	19.07	302	5750	21.32	-12.97	24.95	301
3775	9.96	-1.80	10.12	280	4775	16.20	-10.47	19.30	303	5775	21.19	-13.43	25.09	302
3800	10.13	-2.18	10.36	282	4800	16.24	-11.07	19.66	304	5800	21.16	-14.17	25.46	304
3825	10.54	-2.38	10.80	283	4825	16.65	-11.39	20.18	304	5825	21.38	-14.56	25.87	304
3850	11.16	-2.69	11.48	283	4850	17.02	-11.61	20.60	304	5850	21.61	-14.65	26.11	304
3875	11.85	-3.28	12.29	285	4875	17.29	-11.70	20.87	304	5875	21.65	-14.74	26.19	304
3900	12.31	-3.74	12.86	287	4900	17.66	-11.66	21.16	303	5900	21.57	-14.77	26.15	304
3925	12.60	-3.95	13.21	287	4925	17.97	-11.70	21.44	303	5925	21.60	-14.59	26.07	304
3950	12.85	-4.22	13.53	288	4950	18.08	-11.70	21.54	303	5950	21.80	-14.19	26.01	303
3975	13.08	-4.31	13.78	288	4975	18.05	-11.63	21.47	303	5975	21.93	-13.81	25.91	302
4000	13.28	-4.25	13.95	288	5000	17.96	-11.70	21.43	303	6000	22.19	-13.53	25.99	301
4025	13.43	-4.12	14.04	287	5025	17.91	-11.86	21.48	303	6025	22.57	-13.53	26.31	301
4050	13.62	-4.11	14.23	287	5050	17.77	-12.01	21.45	304	6050	22.79	-13.63	26.55	301
4075	13.73	-4.18	14.35	287	5075	17.54	-12.04	21.28	304	6075	22.92	-13.41	26.56	300
4100	14.01	-3.83	14.52	285	5100	17.58	-12.02	21.30	304	6100	23.16	-13.26	26.69	300
4125	13.78	-3.30	14.17	283	5125	17.85	-12.10	21.57	304	6125	23.52	-13.24	26.99	299
4150	13.95	-3.62	14.41	284	5150	17.79	-12.12	21.53	304	6150	23.73	-13.15	27.13	299
4175	14.59	-4.26	15.20	286	5175	17.68	-12.25	21.51	305	6175	23.81	-12.88	27.07	298

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-83 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-9 04/13/65, 2325Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	23.23	-12.37	26.32	298	7200	20.96	-17.95	27.60	310	8200	27.13	-12.45	29.85	294
6225	22.37	-11.97	25.37	298	7225	21.02	-17.88	27.60	310	8225	26.96	-12.76	29.83	295
6250	21.73	-11.67	24.66	298	7250	20.94	-17.85	27.51	310	8250	27.04	-12.64	29.85	295
6275	20.96	-11.70	24.01	299	7275	20.86	-17.52	27.24	310	8275	27.31	-12.54	30.05	294
6300	20.34	-12.16	23.69	301	7300	20.76	-17.22	26.97	309	8300	27.73	-13.00	30.63	295
6325	19.92	-12.29	23.40	301	7325	20.99	-17.03	27.03	309	8325	28.07	-13.14	30.99	295
6350	19.56	-12.38	23.15	302	7350	20.95	-16.90	26.92	309	8350	28.37	-13.61	31.46	295
6375	19.28	-12.63	23.05	303	7375	20.87	-16.70	26.73	308	8375	28.36	-14.32	31.77	297
6400	19.26	-12.82	23.14	303	7400	21.04	-16.70	26.86	308	8400	28.37	-14.30	31.77	297
6425	19.19	-13.03	23.20	304	7425	21.15	-16.55	26.86	308	8425	28.36	-14.21	31.72	296
6450	19.11	-12.86	23.04	304	7450	21.28	-16.03	26.64	307	8450	28.18	-14.43	31.66	297
6475	19.16	-12.57	22.92	303	7475	21.53	-15.76	26.68	306	8475	27.90	-14.56	31.47	297
6500	19.13	-12.53	22.86	303	7500	21.77	-15.68	26.83	306	8500	27.75	-14.32	31.23	297
6525	19.06	-12.60	22.84	303	7525	21.92	-15.63	26.92	305	8525	27.70	-13.99	31.03	297
6550	19.08	-12.82	22.98	304	7550	22.38	-15.24	27.08	304	8550	27.58	-14.01	30.93	297
6575	18.92	-13.23	23.09	305	7575	22.78	-14.68	27.10	303	8575	27.46	-13.78	30.73	296
6600	18.65	-13.59	23.08	306	7600	23.22	-14.33	27.29	302	8600	27.47	-13.77	30.73	296
6625	18.68	-13.77	23.21	306	7625	23.67	-13.92	27.46	300	8625	27.50	-13.82	30.77	297
6650	18.89	-13.66	23.31	306	7650	23.97	-13.83	27.67	300	8650	27.33	-14.07	30.74	297
6675	18.98	-13.61	23.36	305	7675	24.39	-13.58	27.91	299	8675	27.23	-14.57	30.88	298
6700	18.92	-13.72	23.37	306	7700	24.63	-13.42	28.05	298	8700	27.15	-14.89	30.96	299
6725	19.03	-13.75	23.48	306	7725	24.62	-13.72	28.18	299	8725	27.20	-15.03	31.07	299
6750	19.18	-13.67	23.55	305	7750	24.64	-13.97	28.32	299	8750	27.32	-15.07	31.20	299
6775	19.14	-13.68	23.53	305	7775	24.64	-14.16	28.42	300	8775	27.42	-15.05	31.28	299
6800	19.30	-13.68	23.66	305	7800	24.49	-14.08	28.25	300	8800	27.38	-15.17	31.30	299
6825	19.65	-13.64	23.93	305	7825	24.83	-13.56	28.29	298	8825	27.36	-15.61	31.50	300
6850	19.79	-13.63	24.03	304	7850	25.37	-13.41	28.70	298	8850	27.30	-15.88	31.58	300
6875	19.88	-13.59	24.09	304	7875	25.47	-13.53	28.84	298	8875	27.47	-15.91	31.75	300
6900	20.00	-13.76	24.28	304	7900	25.39	-13.30	28.67	297	8900	27.82	-15.96	32.07	300
6925	20.07	-14.24	24.61	305	7925	25.33	-13.30	28.61	298	8925	27.67	-16.43	32.18	301
6950	20.07	-14.94	25.02	306	7950	25.46	-13.19	28.68	297	8950	27.75	-16.97	32.53	301
6975	20.23	-15.43	25.44	307	7975	25.71	-12.89	28.76	296	8975	27.97	-17.07	32.77	301
7000	20.67	-15.65	25.93	307	8000	26.03	-12.76	28.99	296	9000	27.79	-17.44	32.81	302
7025	20.94	-15.88	26.28	307	8025	26.12	-12.82	29.10	296	9025	27.63	-17.79	32.87	303
7050	20.87	-16.13	26.38	308	8050	26.31	-13.05	29.37	296	9050	27.77	-17.73	32.95	302
7075	20.71	-16.40	26.42	308	8075	26.79	-13.11	29.82	296	9075	27.77	-17.96	33.07	303
7100	20.79	-16.66	26.64	309	8100	27.18	-12.86	30.07	295	9100	27.76	-18.61	33.42	304
7125	20.89	-17.11	27.00	309	8125	27.33	-12.58	30.09	295	9125	27.97	-18.89	33.75	304
7150	20.91	-17.59	27.33	310	8150	27.08	-12.52	29.83	295	9150	27.99	-19.10	33.88	304
7175	20.88	-17.97	27.55	311	8175	27.11	-12.42	29.82	294	9175	28.07	-19.40	34.12	304

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-9 04/13/65, 2325Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	27.90	-19.58	34.09	305	10200	31.77	-22.51	38.94	305	11200	40.26	-25.75	47.80	302
9225	27.73	-19.46	33.88	305	10225	31.71	-22.72	39.01	305	11225	40.61	-25.34	47.87	302
9250	27.60	-19.84	33.99	306	10250	31.99	-22.38	39.04	305	11250	40.78	-25.58	48.14	302
9275	27.56	-20.45	34.32	306	10275	32.09	-22.30	39.08	305	11275	41.19	-25.57	48.48	302
9300	27.67	-20.58	34.48	306	10300	32.06	-22.57	39.21	305	11300	41.33	-25.38	48.50	301
9325	27.70	-20.50	34.46	306	10325	32.39	-21.97	39.14	304	11325	41.48	-24.95	48.41	301
9350	27.82	-20.62	34.63	306	10350	32.44	-21.65	39.01	304	11350	41.74	-24.26	48.28	300
9375	27.78	-20.80	34.71	307	10375	32.33	-21.83	39.00	304	11375	41.64	-24.16	48.14	300
9400	27.86	-20.93	34.85	307	10400	32.48	-21.80	39.11	304	11400	41.92	-23.95	48.28	300
9425	27.97	-21.03	34.99	307	10425	32.70	-22.25	39.55	304	11425	42.15	-23.75	48.38	299
9450	28.04	-21.03	35.05	307	10450	33.30	-22.21	40.03	304	11450	42.58	-23.21	48.49	298
9475	28.10	-21.28	35.25	307	10475	34.02	-22.05	40.54	303	11475	43.09	-23.09	48.88	298
9500	28.08	-21.29	35.24	307	10500	34.41	-22.08	40.89	303	11500	42.89	-23.11	48.72	298
9525	27.83	-21.40	35.11	307	10525	34.80	-22.23	41.29	302	11525	42.46	-23.00	48.29	298
9550	27.95	-21.13	35.03	307	10550	34.89	-22.45	41.49	303	11550	42.68	-22.77	48.37	298
9575	28.24	-20.63	34.98	306	10575	34.72	-22.95	41.62	303	11575	42.87	-22.00	48.18	297
9600	28.16	-21.10	35.19	307	10600	35.25	-23.29	42.25	303	11600	42.89	-22.83	48.58	298
9625	28.39	-21.60	35.67	307	10625	35.90	-23.00	42.63	302	11625	42.63	-23.71	48.78	299
9650	28.40	-21.75	35.77	307	10650	36.17	-22.82	42.77	302	11650	42.38	-23.67	48.54	299
9675	28.25	-22.08	35.86	308	10675	36.40	-22.60	42.84	302	11675	42.09	-24.01	48.46	300
9700	28.66	-22.22	36.27	308	10700	36.23	-22.38	42.59	302	11700	41.97	-24.48	48.59	300
9725	28.94	-22.20	36.48	307	10725	36.57	-22.83	43.11	302	11725	41.97	-24.46	48.58	300
9750	29.22	-22.05	36.61	307	10750	37.10	-23.19	43.75	302	11750	41.56	-24.59	48.29	300
9775	29.53	-21.93	36.79	306	10775	37.32	-23.18	43.93	302	11775	41.17	-24.52	47.92	301
9800	29.52	-22.15	36.91	307	10800	37.68	-23.08	44.19	301	11800	41.13	-24.32	47.78	300
9825	29.45	-22.45	37.03	307	10825	38.24	-23.32	44.79	301	11825	41.05	-24.50	47.81	301
9850	29.60	-22.37	37.10	307	10850	38.69	-23.40	45.22	301	11850	40.72	-24.29	47.41	301
9875	29.71	-22.10	37.03	306	10875	39.13	-23.46	45.62	301	11875	40.95	-23.96	47.44	300
9900	29.68	-21.75	36.80	306	10900	39.42	-23.64	45.96	301	11900	41.77	-23.98	48.16	300
9925	29.65	-21.59	36.68	306	10925	39.31	-23.82	45.97	301	11925	41.91	-23.86	48.23	299
9950	29.86	-21.89	37.03	306	10950	39.34	-24.03	46.10	301	11950	41.47	-24.06	47.94	300
9975	30.43	-22.25	37.70	306	10975	39.61	-24.36	46.50	301	11975	41.82	-23.78	48.11	299
10000	30.66	-22.43	37.98	306	11000	39.59	-24.46	46.53	302	12000	41.93	-23.65	48.14	299
10025	30.47	-22.64	37.96	306	11025	39.74	-24.59	46.73	302	12025	42.03	-23.94	48.37	299
10050	30.60	-22.64	38.07	306	11050	39.87	-24.85	46.98	302	12050	42.08	-23.69	48.29	299
10075	30.90	-22.31	38.11	306	11075	39.63	-24.95	46.83	302	12075	41.89	-23.27	47.92	299
10100	31.34	-22.18	38.39	305	11100	39.43	-25.45	46.93	303	12100	41.38	-23.38	47.53	299
10125	31.63	-22.04	38.55	305	11125	39.89	-26.70	48.01	304	12125	41.22	-23.55	47.47	300
10150	31.85	-22.23	38.84	305	11150	40.12	-26.76	48.23	304	12150	41.14	-23.59	47.42	300
10175	31.92	-22.43	39.02	305	11175	39.95	-25.92	47.62	303	12175	41.25	-23.38	47.42	299

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-9 04/13/65, 2325Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	41.50	-22.93	47.41	299	13200	35.08	-20.47	40.62	300	14200	31.09	-18.86	36.36	301
12225	41.43	-23.05	47.41	299	13225	35.36	-19.89	40.57	299	14225	31.52	-18.03	36.31	300
12250	41.35	-23.11	47.37	299	13250	35.22	-19.49	40.25	299	14250	31.72	-17.95	36.45	299
12275	40.95	-23.26	47.10	299	13275	34.98	-19.26	39.93	299	14275	32.55	-17.96	37.17	299
12300	41.86	-22.77	47.65	298	13300	35.47	-18.64	40.07	298	14300	32.61	-18.31	37.40	299
12325	42.18	-22.64	47.87	298	13325	35.19	-19.00	39.99	298	14325	32.05	-18.86	37.19	300
12350	41.43	-23.49	47.63	299	13350	34.19	-20.34	39.78	301	14350	32.50	-20.22	38.28	302
12375	41.15	-23.37	47.32	299	13375	34.30	-21.07	40.26	301	14375	32.64	-20.37	38.47	302
12400	41.04	-23.17	47.13	299	13400	34.81	-21.25	40.78	301	14400	32.19	-20.74	38.30	303
12425	41.01	-23.64	47.33	300	13425	34.70	-21.12	40.62	301	14425	31.74	-20.77	37.93	303
12450	41.30	-23.42	47.47	299	13450	32.91	-23.42	40.39	305	14450	31.23	-20.01	37.09	302
12475	41.24	-23.32	47.38	299	13475	32.37	-24.30	40.47	307	14475	31.19	-19.33	36.69	302
12500	40.88	-23.50	47.16	300	13500	31.66	-24.32	39.92	307	14500	30.71	-19.43	36.34	302
12525	41.11	-23.48	47.34	300	13525	30.89	-24.48	39.42	308	14525	30.52	-19.70	36.32	303
12550	41.50	-23.31	47.59	299	13550	30.14	-24.59	38.90	309	14550	30.82	-19.05	36.23	302
12575	41.73	-22.87	47.58	299	13575	30.47	-23.88	38.71	308	14575	30.34	-19.77	36.22	303
12600	41.75	-22.62	47.49	298	13600	30.85	-22.36	38.10	306	14600	30.02	-20.43	36.32	304
12625	41.81	-22.35	47.41	298	13625	30.83	-22.37	38.09	306	14625	29.83	-19.81	35.81	303
12650	41.97	-22.55	47.64	298	13650	30.52	-22.12	37.69	306	14650	28.98	-20.66	35.58	305
12675	42.30	-22.26	47.80	298	13675	30.32	-21.38	37.11	305	14675	28.27	-21.55	35.55	307
12700	42.25	-21.75	47.52	297	13700	29.89	-20.68	36.34	305	14700	27.73	-21.97	35.38	308
12725	42.12	-21.73	47.39	297	13725	29.50	-20.66	36.02	305	14725	27.36	-22.00	35.11	309
12750	42.33	-21.53	47.49	297	13750	29.14	-20.55	35.66	305	14750	26.77	-21.75	34.49	309
12775	42.19	-21.10	47.17	296	13775	28.89	-19.53	34.87	304	14775	25.86	-21.92	33.90	310
12800	41.47	-21.29	46.62	297	13800	28.34	-20.15	34.77	305	14800	25.37	-21.77	33.43	310
12825	41.52	-21.01	46.53	297	13825	28.21	-20.35	34.78	306	14825	25.31	-20.95	32.86	309
12850	40.74	-21.91	46.26	298	13850	28.35	-19.74	34.54	305	14850	25.58	-19.39	32.10	307
12875	39.70	-23.11	45.94	300	13875	28.57	-19.82	34.77	305	14875	25.78	-17.05	30.91	303
12900	39.01	-23.48	45.53	301	13900	28.95	-19.66	34.99	304	14900	25.07	-18.41	31.10	306
12925	38.82	-23.09	45.16	301	13925	28.70	-20.29	35.14	305	14925	25.27	-17.88	30.95	305
12950	38.47	-23.45	45.05	301	13950	28.77	-19.82	34.94	304	14950	26.21	-15.91	30.66	301
12975	37.99	-24.24	45.06	302	13975	28.71	-19.59	34.75	304	14975	26.35	-15.54	30.59	300
13000	38.10	-24.38	45.23	302	14000	29.30	-20.16	35.56	304	15000	25.75	-15.64	30.13	301
13025	37.78	-23.88	44.70	302	14025	29.72	-19.82	35.72	304	15025	27.11	-15.04	31.00	299
13050	37.09	-23.28	43.79	302	14050	29.35	-21.04	36.12	305	15050	27.69	-15.28	31.63	299
13075	36.87	-23.92	43.95	303	14075	29.48	-21.37	36.41	306	15075	28.07	-14.81	31.73	298
13100	36.22	-23.58	43.22	303	14100	30.30	-21.18	36.97	305	15100	28.92	-13.66	31.98	295
13125	35.55	-22.78	42.22	302	14125	30.53	-21.06	37.09	304	15125	28.94	-14.82	32.51	297
13150	35.28	-21.76	41.45	301	14150	30.72	-19.97	36.64	303	15150	29.51	-14.15	32.72	295
13175	35.35	-20.73	40.98	300	14175	30.69	-19.77	36.51	303	15175	30.29	-13.02	32.97	293

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2272-9 04/13/65, 2325Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	30.60	-13.23	33.34	293	16200	30.31	-13.75	33.28	294	17200	14.20	-11.77	18.45	309
15225	30.97	-12.71	33.47	292	16225	30.62	-14.45	33.85	295	17225	14.26	-10.45	17.67	306
15250	31.68	-12.83	34.18	292	16250	30.79	-14.71	34.13	295	17250	14.83	-8.24	16.97	299
15275	32.17	-12.77	34.61	291	16275	31.09	-15.19	34.60	296	17275	14.43	-8.53	16.77	300
15300	32.77	-11.73	34.81	290	16300	31.38	-15.68	35.08	296	17300	14.51	-7.95	16.54	299
15325	32.96	-12.50	35.25	291	16325	31.67	-16.17	35.56	297	17325	14.37	-6.64	15.83	295
15350	33.12	-12.98	35.57	291	16350	31.96	-16.66	36.04	297	17350	14.43	-6.45	15.81	294
15375	33.67	-12.69	35.98	290	16375	31.92	-17.05	36.19	298	17375	15.39	-5.71	16.42	290
15400	34.11	-12.62	36.37	290	16400	31.55	-17.57	36.11	299	17400	16.08	-7.46	17.72	295
15425	34.66	-12.70	36.91	290	16425	32.26	-17.28	36.59	298	17425	16.12	-8.56	18.26	298
15450	35.04	-12.38	37.16	289	16450	32.04	-18.11	36.80	299	17450	16.02	-10.52	19.16	303
15475	34.44	-12.89	36.77	290	16475	30.05	-20.17	36.19	304	17475	15.95	-11.43	19.63	305
15500	34.35	-14.46	37.27	293	16500	29.35	-19.82	35.42	304	17500	15.91	-11.76	19.78	306
15525	35.69	-14.30	38.45	292	16525	28.95	-20.30	35.36	305	17525	15.41	-12.03	19.55	308
15550	36.57	-13.69	39.05	290	16550	27.61	-20.59	34.44	307	17550	14.91	-12.92	19.73	311
15575	36.48	-14.97	39.43	292	16575	27.25	-19.63	33.59	306	17575	14.79	-13.21	19.83	312
15600	36.43	-15.86	39.74	293	16600	26.19	-20.22	33.09	307	17600	13.81	-13.52	19.33	314
15625	36.74	-16.50	40.27	294	16625	26.16	-20.28	33.10	308	17625	13.57	-13.52	19.15	315
15650	36.00	-17.43	40.00	296	16650	25.11	-21.13	32.82	310	17650	13.33	-13.51	18.98	315
15675	35.56	-16.47	39.19	295	16675	23.87	-20.70	31.59	311	17675	12.11	-13.33	18.01	318
15700	36.23	-15.88	39.55	293	16700	22.67	-19.88	30.16	311	17700	10.95	-14.13	17.88	322
15725	35.35	-16.30	38.93	295	16725	21.53	-19.70	29.18	312	17725	9.99	-14.77	17.83	326
15750	34.49	-16.76	38.35	296	16750	21.21	-19.01	28.48	312	17750	8.76	-15.20	17.54	330
15775	34.26	-16.39	37.98	295	16775	21.60	-18.25	28.27	310	17775	7.80	-15.97	17.77	334
15800	33.78	-16.12	37.43	295	16800	21.22	-17.58	27.56	309	17800	7.60	-16.09	17.80	335
15825	32.62	-16.96	36.77	297	16825	20.75	-16.59	26.56	308	17825	7.40	-16.22	17.83	335
15850	31.77	-16.42	35.76	297	16850	20.58	-15.89	26.00	307	17850	5.30	-17.05	17.85	343
15875	31.23	-15.95	35.07	297	16875	19.90	-14.90	24.86	307	17875	4.96	-16.49	17.22	343
15900	29.74	-16.86	34.19	299	16900	19.69	-14.44	24.42	306	17900	4.63	-15.94	16.59	344
15925	28.96	-15.32	32.76	298	16925	19.66	-14.93	24.68	307	17925	4.37	-15.37	15.98	344
15950	28.66	-14.98	32.34	297	16950	19.55	-15.05	24.67	307	17950	4.10	-14.81	15.37	344
15975	27.40	-16.53	32.00	301	16975	19.72	-15.11	24.85	307	17975	3.23	-13.34	13.72	346
16000	26.85	-16.38	31.45	301	17000	19.35	-16.68	25.55	311	18000	3.05	-12.70	13.07	346
16025	26.29	-15.51	30.52	300	17025	18.10	-17.58	25.23	314					
16050	26.73	-14.41	30.36	298	17050	17.21	-16.81	24.06	314					
16075	27.46	-14.04	30.84	297	17075	16.51	-15.74	22.81	313					
16100	26.93	-15.54	31.09	300	17100	15.69	-15.07	21.76	314					
16125	28.75	-14.24	32.08	296	17125	15.62	-13.76	20.81	311					
16150	29.63	-13.17	32.42	294	17150	15.17	-13.18	20.09	311					
16175	29.85	-13.22	32.65	294	17175	14.69	-12.38	19.21	310					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-84

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2378 04/15/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	-6.82	5.32	8.65	128	1225	3.13	-4.37	5.38	324	2225	3.51	0.22	3.51	266
250	-6.58	5.15	8.36	128	1250	3.59	-4.51	5.76	321	2250	3.89	-0.15	3.89	272
275	-6.10	4.99	7.88	129	1275	4.03	-4.45	6.01	316	2275	4.22	-0.56	4.33	277
300	-5.59	4.78	7.35	130	1300	4.41	-4.26	6.14	314	2300	4.96	-0.79	5.03	279
325	-5.32	4.81	7.17	132	1325	4.85	-4.07	6.33	310	2325	5.50	-1.04	5.60	281
350	-5.40	4.94	7.32	132	1350	5.24	-3.85	6.50	306	2350	5.87	-1.28	6.01	282
375	-5.54	5.00	7.46	132	1375	5.64	-3.42	6.59	301	2375	6.25	-1.40	6.40	282
400	-5.59	5.10	7.57	132	1400	5.94	-3.13	6.72	298	2400	6.43	-1.69	6.65	285
425	-5.79	5.21	7.79	132	1425	5.94	-3.05	6.68	297	2425	6.59	-2.00	6.89	287
450	-6.36	5.33	8.30	130	1450	5.82	-2.99	6.55	297	2450	6.98	-2.25	7.34	288
475	-6.53	5.36	8.44	129	1475	5.84	-3.01	6.57	297	2475	7.41	-2.64	7.86	289
500	-6.34	5.33	8.29	130	1500	5.88	-2.98	6.59	297	2500	7.89	-3.10	8.48	291
525	-6.38	5.37	8.34	130	1525	6.05	-2.75	6.65	294	2525	8.53	-3.55	9.23	292
550	-6.38	5.29	8.28	129	1550	6.20	-2.58	6.72	292	2550	8.98	-3.94	9.80	294
575	-6.42	5.23	8.28	129	1575	6.37	-2.55	6.86	292	2575	9.22	-4.32	10.18	295
600	-6.34	5.18	8.19	129	1600	6.63	-2.44	7.07	290	2600	9.14	-4.34	10.12	295
625	-6.29	5.01	8.04	128	1625	6.46	-2.28	6.85	289	2625	8.84	-4.25	9.81	295
650	-6.21	4.98	7.96	129	1650	6.26	-1.93	6.55	287	2650	8.81	-4.52	9.90	297
675	-6.13	4.90	7.84	128	1675	6.06	-1.66	6.28	285	2675	8.91	-4.82	10.13	298
700	-5.99	4.88	7.73	129	1700	5.65	-1.69	5.89	286	2700	8.96	-5.04	10.27	299
725	-5.92	5.02	7.76	130	1725	5.20	-1.67	5.46	288	2725	9.00	-5.23	10.41	300
750	-6.29	5.23	8.18	130	1750	4.63	-1.78	4.96	291	2750	8.58	-5.17	10.01	301
775	-6.14	5.45	8.21	131	1775	4.32	-2.05	4.78	295	2775	8.03	-4.95	9.44	301
800	-5.70	5.31	7.78	133	1800	4.76	-2.37	5.32	296	2800	7.70	-4.97	9.16	303
825	-5.64	5.20	7.67	132	1825	5.63	-2.82	6.30	296	2825	7.45	-5.17	9.07	305
850	-5.70	5.17	7.69	132	1850	6.43	-3.15	7.17	296	2850	7.63	-5.44	9.38	305
875	-5.74	5.13	7.70	132	1875	7.23	-3.36	7.97	295	2875	8.10	-5.83	9.98	306
900	-5.42	5.26	7.55	134	1900	7.38	-3.34	8.10	294	2900	8.60	-6.21	10.61	306
925	-4.74	5.28	7.10	138	1925	6.92	-2.93	7.52	293	2925	8.82	-6.32	10.85	305
950	-3.78	5.00	6.27	143	1950	6.59	-2.69	7.12	292	2950	8.84	-6.36	10.90	306
975	-2.58	4.32	5.03	149	1975	6.37	-2.48	6.84	291	2975	8.73	-6.61	10.95	307
1000	-1.49	3.29	3.61	155	2000	6.20	-2.14	6.56	289	3000	8.74	-6.84	11.10	308
1025	-0.71	2.39	2.50	163	2025	6.02	-1.96	6.33	288	3025	9.11	-7.00	11.49	307
1050	-0.19	1.63	1.64	173	2050	5.50	-1.54	5.71	285	3050	9.51	-7.19	11.92	307
1075	0.17	0.55	0.57	197	2075	4.86	-1.01	4.97	282	3075	9.64	-7.21	12.03	307
1100	0.35	-0.58	0.68	329	2100	4.39	-0.65	4.44	278	3100	9.68	-7.12	12.02	306
1125	0.59	-1.67	1.77	340	2125	3.74	-0.34	3.75	275	3125	9.70	-7.09	12.01	306
1150	1.00	-2.88	3.05	341	2150	3.33	0.05	3.33	269	3150	9.65	-7.07	11.96	306
1175	1.64	-3.74	4.09	336	2175	3.24	0.42	3.27	262	3175	9.70	-7.00	11.96	306
1200	2.53	-4.11	4.83	328	2200	3.21	0.45	3.25	262	3200	9.87	-6.94	12.06	305

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2378 04/15/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	9.94	-6.98	12.14	305	4225	13.89	-5.79	15.05	292	5225	14.37	-12.56	19.09	311
3250	9.85	-6.96	12.07	305	4250	13.66	-6.05	14.94	294	5250	13.99	-12.37	18.68	311
3275	9.77	-6.97	12.00	305	4275	13.46	-6.60	14.99	296	5275	13.51	-12.28	18.26	312
3300	9.66	-6.98	11.92	306	4300	13.36	-7.02	15.09	298	5300	13.18	-12.40	18.09	313
3325	9.67	-7.08	11.98	306	4325	13.41	-7.29	15.26	298	5325	12.58	-12.20	17.52	314
3350	9.85	-7.21	12.21	306	4350	13.66	-7.65	15.66	299	5350	11.32	-11.59	16.20	315
3375	10.10	-7.27	12.45	306	4375	13.93	-7.83	15.98	299	5375	11.35	-11.75	16.34	316
3400	10.34	-7.34	12.68	305	4400	14.19	-7.87	16.22	299	5400	12.40	-12.48	17.59	315
3425	10.77	-7.47	13.11	305	4425	14.51	-7.83	16.49	298	5425	12.25	-12.58	17.56	316
3450	11.52	-7.70	13.85	304	4450	14.79	-7.80	16.72	298	5450	12.29	-12.63	17.62	316
3475	12.14	-7.96	14.52	303	4475	14.96	-7.92	16.92	298	5475	12.45	-12.87	17.90	316
3500	12.41	-8.06	14.80	303	4500	15.13	-8.04	17.13	298	5500	12.20	-12.96	17.80	317
3525	12.57	-8.28	15.05	303	4525	15.27	-8.14	17.31	298	5525	11.89	-12.87	17.52	317
3550	12.80	-8.76	15.51	304	4550	15.44	-8.30	17.53	298	5550	11.56	-12.93	17.35	318
3575	12.82	-9.10	15.73	305	4575	15.69	-8.63	17.91	299	5575	11.38	-13.03	17.30	319
3600	12.57	-9.16	15.55	306	4600	15.92	-8.99	18.28	299	5600	11.26	-13.18	17.33	319
3625	12.33	-9.21	15.39	307	4625	16.13	-9.07	18.50	299	5625	11.11	-13.19	17.25	320
3650	12.14	-9.34	15.32	307	4650	16.26	-9.20	18.68	299	5650	11.12	-13.01	17.11	319
3675	12.10	-9.38	15.31	308	4675	16.25	-9.37	18.76	300	5675	11.14	-12.93	17.07	319
3700	12.15	-9.26	15.28	307	4700	16.20	-9.39	18.73	300	5700	11.01	-12.81	16.89	319
3725	12.45	-9.13	15.44	306	4725	16.26	-9.56	18.86	300	5725	10.84	-12.53	16.57	319
3750	12.84	-8.98	15.67	305	4750	16.17	-9.97	18.99	301	5750	10.68	-12.11	16.15	318
3775	13.00	-8.82	15.71	304	4775	16.11	-10.50	19.23	303	5775	10.80	-11.39	15.69	316
3800	13.24	-8.68	15.84	303	4800	16.07	-10.91	19.42	304	5800	11.31	-10.86	15.68	314
3825	13.34	-8.50	15.81	302	4825	16.02	-11.24	19.57	305	5825	11.89	-10.88	16.11	312
3850	13.35	-8.10	15.61	301	4850	16.13	-11.69	19.92	306	5850	12.18	-10.86	16.32	312
3875	13.58	-7.63	15.57	299	4875	15.98	-12.05	20.01	307	5875	12.21	-10.52	16.12	311
3900	13.75	-7.32	15.58	298	4900	15.89	-12.19	20.03	307	5900	12.25	-10.12	15.89	309
3925	13.85	-7.07	15.55	297	4925	16.07	-12.28	20.22	307	5925	12.77	-9.72	16.05	307
3950	14.12	-6.86	15.69	296	4950	16.02	-12.51	20.33	308	5950	13.26	-9.24	16.17	305
3975	14.46	-6.42	15.82	294	4975	15.74	-12.84	20.32	309	5975	13.65	-8.89	16.29	303
4000	14.66	-6.13	15.89	293	5000	15.44	-13.01	20.19	310	6000	14.11	-8.68	16.57	301
4025	14.80	-5.99	15.97	292	5025	15.02	-13.22	20.01	311	6025	14.36	-8.52	16.70	300
4050	14.89	-5.75	15.96	291	5050	14.62	-13.64	20.00	313	6050	14.57	-8.50	16.87	300
4075	14.97	-5.66	16.00	291	5075	14.32	-13.88	19.94	314	6075	14.89	-8.51	17.15	300
4100	14.91	-5.73	15.97	291	5100	14.15	-13.91	19.84	314	6100	15.37	-8.50	17.56	299
4125	14.65	-5.57	15.68	291	5125	14.19	-13.74	19.75	314	6125	15.54	-8.41	17.67	298
4150	14.50	-5.11	15.38	289	5150	14.46	-13.43	19.74	313	6150	15.32	-8.15	17.35	298
4175	14.55	-5.12	15.42	289	5175	14.79	-13.20	19.82	312	6175	14.92	-7.94	16.90	298
4200	14.28	-5.56	15.33	291	5200	14.65	-12.82	19.47	311	6200	14.74	-7.80	16.68	298

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2378 04/15/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	14.64	-7.52	16.46	297	7225	18.39	-10.06	20.96	299	8225	20.64	-9.91	22.89	295
6250	14.39	-7.16	16.07	296	7250	18.80	-10.22	21.39	298	8250	20.66	-9.84	22.88	295
6275	14.32	-7.02	15.95	296	7275	18.86	-10.10	21.39	298	8275	20.45	-9.74	22.65	295
6300	14.28	-7.09	15.95	296	7300	19.00	-10.13	21.53	298	8300	20.20	-9.80	22.45	296
6325	14.27	-7.05	15.92	296	7325	19.03	-10.54	21.75	299	8325	20.06	-9.74	22.30	296
6350	14.42	-7.13	16.09	296	7350	19.23	-10.81	22.05	299	8350	20.11	-9.75	22.34	296
6375	14.73	-7.29	16.44	296	7375	19.69	-10.76	22.44	298	8375	20.15	-9.85	22.42	296
6400	14.91	-7.30	16.61	296	7400	19.82	-10.71	22.52	298	8400	19.98	-9.68	22.20	296
6425	14.88	-7.30	16.57	296	7425	19.91	-10.61	22.56	298	8425	20.05	-9.19	22.06	294
6450	15.02	-7.39	16.73	296	7450	20.22	-10.62	22.84	298	8450	20.15	-8.70	21.95	293
6475	15.19	-7.46	16.92	296	7475	20.51	-10.79	23.18	298	8475	20.03	-8.49	21.76	293
6500	15.43	-7.38	17.10	295	7500	20.57	-11.06	23.36	298	8500	19.98	-8.23	21.61	292
6525	15.54	-7.29	17.17	295	7525	20.39	-11.42	23.37	299	8525	19.90	-8.04	21.46	292
6550	15.44	-7.13	17.01	295	7550	20.33	-11.56	23.38	299	8550	19.60	-7.95	21.15	292
6575	15.52	-6.87	16.97	294	7575	20.31	-11.81	23.50	300	8575	19.36	-7.80	20.87	292
6600	15.53	-6.76	16.94	293	7600	20.36	-11.80	23.54	300	8600	19.27	-7.86	20.81	292
6625	15.60	-6.98	17.09	294	7625	20.59	-11.83	23.75	300	8625	19.35	-7.86	20.89	292
6650	15.77	-7.20	17.33	294	7650	20.82	-12.03	24.04	300	8650	19.56	-7.70	21.02	291
6675	15.77	-7.58	17.50	295	7675	21.01	-12.08	24.23	300	8675	19.68	-7.72	21.14	291
6700	15.77	-8.10	17.73	297	7700	21.14	-12.15	24.38	300	8700	19.84	-7.81	21.32	291
6725	15.92	-8.62	18.11	298	7725	21.13	-12.12	24.36	300	8725	20.10	-7.89	21.59	291
6750	16.07	-8.93	18.39	299	7750	21.17	-12.02	24.34	299	8750	20.15	-8.26	21.78	292
6775	16.11	-8.96	18.44	299	7775	21.22	-12.06	24.41	299	8775	19.95	-8.83	21.82	294
6800	16.36	-9.19	18.77	299	7800	21.43	-11.97	24.54	299	8800	19.84	-9.12	21.84	295
6825	16.58	-9.34	19.04	299	7825	21.45	-11.86	24.51	299	8825	20.03	-9.42	22.13	295
6850	16.71	-9.25	19.10	299	7850	21.59	-11.59	24.51	298	8850	19.99	-9.77	22.25	296
6875	17.08	-9.46	19.53	299	7875	21.88	-11.08	24.53	297	8875	19.85	-10.11	22.28	297
6900	17.22	-9.95	19.89	300	7900	21.86	-10.86	24.41	296	8900	19.96	-10.26	22.44	297
6925	17.36	-10.44	20.26	301	7925	21.82	-10.61	24.26	296	8925	20.09	-10.55	22.69	298
6950	17.61	-10.69	20.60	301	7950	21.43	-10.23	23.74	295	8950	20.16	-10.82	22.88	298
6975	17.89	-10.58	20.79	300	7975	21.34	-10.22	23.67	295	8975	20.33	-10.91	23.08	298
7000	18.09	-10.67	21.00	300	8000	21.46	-10.24	23.78	295	9000	20.92	-11.07	23.67	298
7025	18.13	-10.51	20.96	300	8025	21.39	-10.14	23.67	295	9025	21.24	-11.16	23.99	298
7050	18.15	-10.31	20.87	299	8050	21.52	-10.11	23.78	295	9050	20.89	-11.33	23.76	298
7075	18.24	-10.45	21.02	300	8075	21.39	-10.14	23.67	295	9075	21.02	-11.28	23.85	298
7100	18.37	-10.66	21.24	300	8100	21.26	-10.29	23.62	296	9100	20.95	-11.17	23.74	298
7125	18.41	-10.64	21.26	300	8125	21.28	-10.30	23.64	296	9125	20.89	-10.96	23.59	298
7150	18.48	-10.39	21.20	299	8150	21.23	-10.16	23.53	295	9150	20.96	-10.68	23.52	297
7175	18.43	-10.28	21.11	299	8175	21.04	-10.22	23.39	296	9175	20.66	-10.50	23.17	297
7200	18.18	-10.19	20.84	299	8200	20.78	-10.13	23.11	296	9200	21.11	-10.64	23.64	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2378 04/15/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	21.56	-10.78	24.10	296	10225	25.26	-11.46	27.74	294	11225	29.40	-20.21	35.67	304
9250	22.07	-10.58	24.47	295	10250	25.66	-11.55	28.14	294	11250	29.62	-20.27	35.89	304
9275	22.60	-10.63	24.97	295	10275	26.14	-11.40	28.52	293	11275	29.55	-20.34	35.87	304
9300	22.59	-11.00	25.12	296	10300	26.51	-11.40	28.86	293	11300	29.16	-20.63	35.72	305
9325	22.43	-11.42	25.17	297	10325	26.56	-11.78	29.06	294	11325	28.91	-20.78	35.60	306
9350	22.36	-12.05	25.40	298	10350	26.59	-11.98	29.16	294	11350	28.64	-21.11	35.58	306
9375	22.56	-12.61	25.85	299	10375	27.03	-12.16	29.64	294	11375	28.38	-22.09	35.97	308
9400	22.92	-12.68	26.19	299	10400	27.49	-12.76	30.31	295	11400	28.40	-22.55	36.26	308
9425	23.06	-12.74	26.34	299	10425	27.58	-13.13	30.55	295	11425	28.32	-22.70	36.29	309
9450	22.96	-12.32	26.06	298	10450	27.94	-13.21	30.91	295	11450	28.22	-22.60	36.15	309
9475	23.16	-11.95	26.06	297	10475	28.26	-13.41	31.28	295	11475	28.01	-22.72	36.07	309
9500	23.06	-11.88	25.94	297	10500	28.46	-13.41	31.46	295	11500	27.91	-22.82	36.05	309
9525	22.92	-11.73	25.74	297	10525	28.77	-13.52	31.79	295	11525	27.92	-22.78	36.03	309
9550	22.94	-11.80	25.80	297	10550	28.87	-13.64	31.93	295	11550	27.73	-22.80	35.90	309
9575	22.76	-11.78	25.62	297	10575	28.96	-13.76	32.07	295	11575	27.47	-22.76	35.67	309
9600	22.73	-11.66	25.55	297	10600	29.34	-13.94	32.48	295	11600	27.41	-22.95	35.75	310
9625	22.63	-11.66	25.46	297	10625	29.59	-14.06	32.76	295	11625	27.43	-22.94	35.76	310
9650	22.65	-11.50	25.40	297	10650	29.84	-13.92	32.93	295	11650	27.24	-23.05	35.68	310
9675	22.78	-11.29	25.43	296	10675	29.79	-14.18	33.00	295	11675	26.96	-23.42	35.71	311
9700	22.95	-11.53	25.68	297	10700	29.49	-14.48	32.85	296	11700	26.64	-23.55	35.56	311
9725	22.96	-11.62	25.73	297	10725	29.34	-14.59	32.76	296	11725	26.70	-23.40	35.51	311
9750	22.86	-11.48	25.58	296	10750	29.61	-14.53	32.99	296	11750	27.19	-23.63	36.02	311
9775	22.95	-11.63	25.73	297	10775	29.73	-14.62	33.13	296	11775	27.16	-24.12	36.32	311
9800	22.88	-11.27	25.51	296	10800	29.56	-14.92	33.11	297	11800	27.28	-24.23	36.49	311
9825	22.76	-11.05	25.30	296	10825	29.36	-15.18	33.06	297	11825	27.33	-24.23	36.52	311
9850	22.94	-11.08	25.48	296	10850	29.28	-15.26	33.02	297	11850	27.25	-24.19	36.44	311
9875	23.26	-11.15	25.79	295	10875	29.24	-15.72	33.20	298	11875	27.58	-24.52	36.90	311
9900	23.33	-11.31	25.93	296	10900	28.97	-16.45	33.31	299	11900	28.23	-24.81	37.58	311
9925	23.46	-11.46	26.11	296	10925	29.26	-16.45	33.56	299	11925	28.63	-24.95	37.98	311
9950	23.77	-11.77	26.52	296	10950	29.54	-16.48	33.82	299	11950	28.90	-24.64	37.98	310
9975	24.18	-11.70	26.86	296	10975	29.56	-16.71	33.96	299	11975	28.82	-24.51	37.83	310
10000	24.32	-11.68	26.98	295	11000	29.62	-17.25	34.27	300	12000	28.22	-24.58	37.43	311
10025	24.33	-11.70	26.99	296	11025	29.33	-17.70	34.26	301	12025	28.12	-24.53	37.31	311
10050	24.52	-11.78	27.21	295	11050	29.13	-18.07	34.28	302	12050	27.93	-24.79	37.34	311
10075	24.79	-11.91	27.51	295	11075	29.26	-18.37	34.54	302	12075	27.85	-24.99	37.42	312
10100	24.85	-11.78	27.50	295	11100	29.61	-18.66	35.00	302	12100	27.63	-25.42	37.55	312
10125	24.73	-11.41	27.24	295	11125	29.58	-19.48	35.42	303	12125	26.93	-26.06	37.47	314
10150	24.74	-11.22	27.16	294	11150	29.23	-19.81	35.31	304	12150	26.44	-26.62	37.52	315
10175	24.80	-11.26	27.24	294	11175	29.15	-19.68	35.17	304	12175	26.48	-27.00	37.82	315
10200	25.12	-11.33	27.56	294	11200	29.29	-19.90	35.41	304	12200	26.92	-27.64	38.59	316

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-84 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2378 04/15/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	26.94	-28.10	38.92	316	13225	34.76	-21.16	40.69	301	14225	22.86	-20.01	30.38	311
12250	26.72	-28.58	39.12	317	13250	34.58	-21.34	40.64	302	14250	22.98	-19.44	30.10	310
12275	26.48	-28.98	39.25	317	13275	34.72	-21.54	40.86	302	14275	22.84	-18.95	29.68	310
12300	26.62	-29.41	39.67	318	13300	34.00	-22.37	40.62	303	14300	22.33	-19.24	29.48	311
12325	26.49	-30.33	40.27	319	13325	33.73	-22.45	40.52	303	14325	22.60	-18.87	29.44	310
12350	26.28	-31.38	40.93	320	13350	33.62	-22.45	40.42	304	14350	22.90	-17.90	29.07	308
12375	26.27	-31.63	41.12	320	13375	32.59	-22.88	39.82	305	14375	23.01	-18.06	29.26	308
12400	26.20	-31.22	40.76	320	13400	32.04	-23.60	39.79	306	14400	23.50	-17.87	29.53	307
12425	26.14	-30.81	40.41	319	13425	31.69	-24.63	40.13	308	14425	23.87	-17.91	29.84	307
12450	26.07	-30.41	40.05	319	13450	31.52	-24.57	39.96	308	14450	24.23	-17.76	30.05	306
12475	25.77	-30.52	39.94	320	13475	31.43	-25.14	40.25	308	14475	24.70	-16.70	29.82	304
12500	25.45	-29.80	39.19	319	13500	31.40	-25.95	40.73	309	14500	24.73	-16.63	29.80	304
12525	25.46	-29.38	38.88	319	13525	31.46	-26.62	41.21	310	14525	25.57	-16.00	30.16	302
12550	25.34	-29.41	38.82	319	13550	31.23	-27.29	41.47	311	14550	25.43	-16.58	30.36	303
12575	25.09	-29.21	38.50	319	13575	31.30	-27.07	41.38	311	14575	25.16	-16.91	30.32	304
12600	25.38	-29.02	38.55	319	13600	31.02	-27.85	41.69	312	14600	25.66	-16.15	30.32	302
12625	25.44	-28.85	38.47	318	13625	30.72	-28.00	41.57	312	14625	25.62	-15.86	30.13	302
12650	25.43	-28.21	37.98	318	13650	30.45	-27.50	41.03	312	14650	25.47	-16.18	30.17	302
12675	26.00	-27.88	38.12	317	13675	29.65	-27.60	40.50	313	14675	26.04	-15.57	30.34	301
12700	26.36	-27.64	38.19	316	13700	28.98	-27.44	39.91	313	14700	26.22	-14.76	30.09	299
12725	26.35	-26.73	37.54	315	13725	28.70	-27.74	39.91	314	14725	25.96	-14.87	29.92	300
12750	26.30	-26.23	37.14	315	13750	28.29	-27.99	39.80	315	14750	26.39	-14.67	30.19	299
12775	26.32	-25.14	36.40	314	13775	28.35	-27.83	39.72	314	14775	26.14	-15.17	30.22	300
12800	26.57	-24.08	35.86	312	13800	28.08	-28.18	39.78	315	14800	26.26	-15.58	30.54	301
12825	26.73	-23.07	35.31	311	13825	27.44	-28.28	39.40	316	14825	26.35	-15.90	30.78	301
12850	27.28	-21.58	34.79	308	13850	26.37	-28.23	38.63	317	14850	25.74	-16.22	30.42	302
12875	27.97	-21.15	35.07	307	13875	25.56	-28.37	38.18	318	14875	25.23	-16.19	29.98	303
12900	28.83	-21.02	35.68	306	13900	25.08	-28.10	37.66	318	14900	25.04	-15.75	29.58	302
12925	29.88	-20.89	36.46	305	13925	24.63	-27.74	37.10	318	14925	24.51	-16.00	29.27	303
12950	30.66	-21.04	37.19	304	13950	23.83	-27.51	36.40	319	14950	24.15	-16.50	29.25	304
12975	31.48	-20.56	37.60	303	13975	23.21	-27.01	35.62	319	14975	24.29	-16.59	29.42	304
13000	32.04	-20.17	37.86	302	14000	23.10	-26.16	34.90	318	15000	24.06	-16.85	29.37	305
13025	32.38	-20.43	38.28	302	14025	22.75	-26.16	34.67	319	15025	24.00	-16.37	29.05	304
13050	32.88	-20.07	38.52	301	14050	22.71	-25.83	34.39	318	15050	23.97	-16.64	29.18	305
13075	33.50	-19.76	38.89	300	14075	22.92	-25.18	34.05	318	15075	23.49	-17.59	29.34	307
13100	33.61	-20.52	39.38	301	14100	23.00	-24.44	33.56	317	15100	23.61	-17.36	29.30	306
13125	33.73	-20.82	39.64	302	14125	22.66	-23.52	32.66	316	15125	23.52	-17.41	29.27	306
13150	34.37	-20.61	40.08	301	14150	22.21	-22.62	31.70	315	15150	22.90	-18.25	29.28	308
13175	34.82	-20.58	40.45	300	14175	22.21	-21.72	31.06	314	15175	22.89	-18.07	29.17	308
13200	35.07	-20.68	40.71	300	14200	22.54	-20.82	30.68	313	15200	22.27	-17.80	28.51	308

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2378 04/15/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	21.10	-17.50	27.41	309										
15250	20.66	-17.10	26.82	309										
15275	19.85	-17.24	26.29	311										
15300	18.55	-17.03	25.18	312										
15325	17.31	-16.66	24.02	314										
15350	16.85	-16.43	23.54	314										
15375	15.95	-16.31	22.81	315										
15400	14.96	-16.57	22.32	318										
15425	13.80	-16.47	21.48	320										
15450	13.07	-16.14	20.76	321										
15475	13.06	-15.46	20.23	320										
15500	12.87	-14.85	19.65	319										
15525	12.15	-14.28	18.75	319										
15550	11.79	-14.04	18.33	320										
15575	11.81	-14.13	18.42	320										
15600	11.34	-13.61	17.71	320										
15625	10.60	-13.48	17.15	322										
15650	10.78	-12.07	16.19	318										
15675	10.76	-11.16	15.50	316										
15700	10.70	-11.47	15.68	317										
15725	10.56	-11.14	15.35	316										
15750	10.67	-11.39	15.61	317										
15775	10.92	-11.31	15.72	316										
15800	10.60	-11.04	15.30	316										
15825	11.01	-10.96	15.54	315										
15850	11.24	-11.11	15.80	315										
15875	11.05	-11.50	15.94	316										
15900	11.23	-10.59	15.44	313										
15925	11.56	-9.53	14.98	309										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-85

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2383 04/16/65, 0101Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
500	3.78	10.82	11.46	199	1500	13.09	3.10	13.45	256	2500	13.60	-2.36	13.80	280
525	4.43	10.42	11.32	203	1525	12.97	2.62	13.23	258	2525	13.35	-2.39	13.57	280
550	5.09	10.22	11.41	206	1550	13.14	2.49	13.38	259	2550	13.33	-2.41	13.54	280
575	5.40	10.12	11.47	208	1575	13.54	2.28	13.73	260	2575	13.29	-2.69	13.56	281
600	5.49	9.81	11.24	209	1600	13.63	1.94	13.77	262	2600	13.14	-3.07	13.49	283
625	5.35	9.35	10.77	210	1625	13.60	1.62	13.70	263	2625	13.14	-3.56	13.62	285
650	5.06	9.04	10.36	209	1650	13.57	1.06	13.61	265	2650	13.25	-4.03	13.85	287
675	5.10	8.77	10.15	210	1675	13.42	0.55	13.43	267	2675	13.14	-4.53	13.90	289
700	5.40	8.75	10.28	211	1700	13.35	0.55	13.36	267	2700	12.97	-4.93	13.87	291
725	5.86	9.02	10.76	213	1725	13.51	0.81	13.53	266	2725	12.73	-5.02	13.68	291
750	6.26	8.96	10.93	215	1750	13.52	0.70	13.54	267	2750	12.36	-4.88	13.29	291
775	6.18	8.58	10.57	216	1775	13.54	0.35	13.54	268	2775	11.96	-4.61	12.82	291
800	5.86	8.20	10.08	215	1800	13.56	-0.06	13.56	270	2800	11.54	-4.43	12.36	291
825	5.75	7.75	9.66	216	1825	13.55	-0.41	13.56	272	2825	11.15	-4.33	11.96	291
850	6.12	7.57	9.74	219	1850	14.09	-0.30	14.09	271	2850	10.82	-4.37	11.67	292
875	6.81	7.53	10.16	222	1875	14.74	-0.13	14.74	270	2875	10.54	-4.53	11.47	293
900	7.45	7.46	10.54	225	1900	14.93	-0.15	14.93	270	2900	10.11	-4.58	11.10	294
925	7.86	7.35	10.76	227	1925	14.92	-0.15	14.92	270	2925	9.58	-4.54	10.60	295
950	8.11	6.95	10.68	229	1950	14.94	-0.29	14.95	271	2950	9.14	-4.59	10.23	296
975	8.34	6.59	10.63	232	1975	14.77	-0.45	14.78	272	2975	8.87	-4.66	10.02	298
1000	8.80	6.34	10.85	234	2000	14.47	-0.38	14.47	271	3000	8.90	-4.75	10.09	298
1025	9.30	6.14	11.14	236	2025	14.14	-0.40	14.14	271	3025	9.32	-4.98	10.57	298
1050	9.81	6.23	11.62	237	2050	13.85	-0.52	13.86	272	3050	9.56	-5.37	10.97	299
1075	10.32	6.28	12.08	238	2075	13.74	-0.68	13.75	273	3075	9.64	-5.62	11.16	300
1100	10.47	5.99	12.06	240	2100	13.88	-0.98	13.91	274	3100	10.01	-5.77	11.56	300
1125	10.42	5.56	11.81	242	2125	14.15	-1.19	14.20	275	3125	10.29	-6.00	11.92	300
1150	10.47	5.24	11.71	243	2150	14.54	-1.28	14.60	275	3150	10.28	-6.00	11.90	300
1175	10.75	5.19	11.94	244	2175	15.04	-1.44	15.11	275	3175	10.48	-5.89	12.02	299
1200	11.21	5.28	12.39	245	2200	15.06	-1.76	15.16	276	3200	10.67	-5.88	12.18	299
1225	11.50	5.18	12.61	246	2225	14.70	-1.87	14.82	277	3225	10.60	-5.79	12.08	298
1250	11.36	4.97	12.40	246	2250	14.49	-1.87	14.61	277	3250	10.63	-5.62	12.03	298
1275	11.27	4.79	12.25	247	2275	14.37	-2.01	14.51	278	3275	10.67	-5.41	11.96	297
1300	11.28	4.46	12.13	248	2300	14.13	-2.11	14.29	278	3300	10.63	-5.22	11.85	296
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1350	11.96	4.11	12.64	251	2350	14.08	-2.14	14.24	278	3350	10.69	-4.54	11.61	293
1375	12.19	3.95	12.81	252	2375	13.96	-2.03	14.11	278	3375	10.68	-4.27	11.50	292
1400	12.16	3.74	12.73	253	2400	13.88	-2.01	14.02	278	3400	10.72	-4.08	11.47	291
1425	12.24	3.60	12.75	253	2425	13.80	-2.11	13.96	279	3425	10.86	-4.01	11.57	290
1450	12.49	3.47	12.97	254	2450	13.63	-2.12	13.80	279	3450	11.19	-3.96	11.87	289
1475	12.90	3.41	13.34	255	2475	13.65	-2.16	13.82	279	3475	11.45	-4.00	12.13	289

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2383 04/16/65, 0101Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3500	11.60	-4.07	12.30	289	4500	15.73	-2.00	15.86	277	5500	17.09	1.39	17.14	265
3525	11.84	-4.11	12.53	289	4525	15.88	-1.71	15.97	276	5525	16.97	1.31	17.02	265
3550	11.88	-4.22	12.61	289	4550	15.84	-1.40	15.91	275	5550	17.00	1.00	17.03	266
3575	12.01	-4.24	12.74	289	4575	15.77	-0.67	15.78	272	5575	16.84	0.86	16.86	267
3600	12.36	-3.93	12.97	287	4600	15.94	-0.01	15.94	270	5600	16.44	0.79	16.45	267
3625	12.82	-3.61	13.32	286	4625	16.23	0.10	16.23	269	5625	16.14	0.66	16.16	267
3650	13.23	-3.52	13.69	285	4650	16.41	0.33	16.41	269	5650	16.10	0.43	16.11	268
3675	13.53	-3.61	14.00	285	4675	16.06	0.88	16.08	267	5675	16.09	0.20	16.09	269
3700	13.94	-3.65	14.41	285	4700	16.04	1.04	16.07	266	5700	16.08	-0.00	16.08	270
3725	14.25	-3.59	14.70	284	4725	16.74	0.67	16.76	268	5725	16.22	-0.25	16.22	271
3750	14.28	-3.50	14.71	284	4750	17.46	0.24	17.46	269	5750	16.37	-0.54	16.37	272
3775	14.43	-3.37	14.82	283	4775	17.58	0.15	17.58	269	5775	16.46	-0.68	16.47	272
3800	14.73	-3.22	15.08	282	4800	17.46	0.32	17.46	269	5800	16.54	-0.48	16.54	271
3825	14.94	-3.20	15.28	282	4825	17.43	0.47	17.44	268	5825	16.58	-0.21	16.58	271
3850	14.95	-3.42	15.33	283	4850	17.04	0.68	17.05	268	5850	16.76	-0.06	16.76	270
3875	14.89	-3.46	15.29	283	4875	16.85	0.97	16.88	267	5875	16.93	0.01	16.93	270
3900	14.92	-3.39	15.30	283	4900	16.89	1.28	16.94	265	5900	17.24	-0.01	17.24	270
3925	14.93	-3.49	15.33	283	4925	16.73	1.48	16.79	265	5925	17.74	0.01	17.74	270
3950	14.86	-3.58	15.29	283	4950	16.50	1.52	16.57	265	5950	17.73	0.07	17.73	270
3975	14.75	-3.56	15.18	283	4975	16.39	1.65	16.47	264	5975	17.53	-0.00	17.53	270
4000	14.78	-3.51	15.19	283	5000	16.38	1.71	16.47	264	6000	17.61	0.09	17.61	270
4025	14.95	-3.58	15.37	283	5025	16.33	1.61	16.41	264	6025	17.42	0.27	17.42	269
4050	14.93	-3.69	15.38	284	5050	16.33	1.49	16.40	265	6050	17.16	0.29	17.16	269
4075	14.94	-3.55	15.36	283	5075	16.30	1.56	16.37	264	6075	17.12	0.28	17.12	269
4100	15.21	-3.40	15.59	282	5100	16.19	1.87	16.30	263	6100	16.98	0.06	16.98	270
4125	15.38	-3.42	15.76	282	5125	16.28	2.18	16.42	262	6125	16.81	-0.06	16.81	270
4150	15.36	-3.39	15.73	282	5150	16.48	2.28	16.64	262	6150	16.81	-0.20	16.81	271
4175	15.35	-3.43	15.73	282	5175	16.57	2.24	16.72	262	6175	16.82	-0.50	16.83	272
4200	15.31	-3.58	15.72	283	5200	16.67	2.42	16.85	262	6200	16.82	-0.73	16.84	272
4225	15.49	-3.58	15.90	283	5225	16.85	2.79	17.08	260	6225	16.75	-1.01	16.78	273
4250	15.57	-3.39	15.94	282	5250	17.07	2.86	17.31	260	6250	16.69	-1.12	16.73	274
4275	15.31	-3.12	15.62	281	5275	17.10	2.56	17.29	261	6275	16.80	-1.08	16.83	274
4300	15.25	-2.78	15.50	280	5300	16.94	2.37	17.11	262	6300	16.74	-1.20	16.78	274
4325	15.36	-2.51	15.56	279	5325	16.95	2.24	17.10	262	6325	16.48	-1.36	16.53	275
4350	15.59	-2.32	15.76	278	5350	17.16	2.11	17.29	263	6350	16.24	-1.33	16.29	275
4375	15.61	-2.03	15.74	277	5375	17.14	1.98	17.25	263	6375	16.04	-1.08	16.08	274
4400	15.61	-1.85	15.72	277	5400	17.10	1.76	17.19	264	6400	16.08	-0.74	16.10	272
4425	16.06	-1.79	16.16	276	5425	17.22	1.59	17.29	265	6425	16.23	-0.48	16.24	272
4450	16.20	-2.06	16.33	277	5450	17.14	1.50	17.21	265	6450	16.20	-0.54	16.21	272
4475	15.86	-2.28	16.02	278	5475	17.13	1.39	17.19	265	6475	16.12	-0.85	16.14	273

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-85 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2383 04/16/65, 0101Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6500	16.08	-1.14	16.12	274	7500	26.59	-6.65	27.41	284	8500	24.27	-4.12	24.61	279
6525	15.64	-1.23	15.69	274	7525	26.76	-6.74	27.60	284	8525	24.28	-4.11	24.63	279
6550	15.06	-0.97	15.09	273	7550	26.88	-6.76	27.72	284	8550	24.31	-4.14	24.66	279
6575	14.81	-0.57	14.82	272	7575	27.18	-6.47	27.94	283	8575	24.37	-4.20	24.73	280
6600	14.33	-0.32	14.33	271	7600	27.21	-5.81	27.83	282	8600	24.43	-4.20	24.79	280
6625	14.15	-0.18	14.15	271	7625	26.90	-5.28	27.41	281	8625	24.58	-4.14	24.93	279
6650	14.61	-0.18	14.61	271	7650	26.68	-5.22	27.19	281	8650	24.69	-4.05	25.02	279
6675	14.95	-0.42	14.95	271	7675	26.66	-5.18	27.16	281	8675	25.21	-4.00	25.53	279
6700	15.34	-0.84	15.37	273	7700	26.86	-5.05	27.33	280	8700	25.99	-4.03	26.30	279
6725	15.65	-1.12	15.69	274	7725	26.87	-4.83	27.30	280	8725	26.49	-3.91	26.77	278
6750	15.89	-1.44	15.96	275	7750	26.49	-4.75	26.91	280	8750	26.63	-3.48	26.86	277
6775	16.27	-1.78	16.37	276	7775	26.09	-4.84	26.53	280	8775	26.50	-3.12	26.68	277
6800	16.68	-1.88	16.78	276	7800	25.79	-4.77	26.23	280	8800	26.58	-2.80	26.73	276
6825	17.24	-2.02	17.36	276	7825	25.57	-4.66	25.99	280	8825	26.67	-2.79	26.81	276
6850	17.80	-2.39	17.96	277	7850	25.48	-4.38	25.85	280	8850	26.68	-3.30	26.88	277
6875	18.25	-2.76	18.46	278	7875	25.65	-3.92	25.95	279	8875	26.86	-3.74	27.12	278
6900	18.53	-2.88	18.75	279	7900	25.84	-3.65	26.09	278	8900	26.98	-3.99	27.27	278
6925	18.99	-2.98	19.22	279	7925	25.56	-3.94	25.86	279	8925	26.98	-4.30	27.32	279
6950	19.61	-3.01	19.84	279	7950	24.91	-4.31	25.28	280	8950	26.78	-4.46	27.15	279
6975	20.19	-2.68	20.37	277	7975	24.41	-4.52	24.82	280	8975	26.77	-4.43	27.14	279
7000	20.94	-2.27	21.06	276	8000	23.89	-4.84	24.38	281	9000	27.00	-4.30	27.34	279
7025	21.70	-2.47	21.84	276	8025	23.61	-5.01	24.14	282	9025	27.23	-4.19	27.55	279
7050	22.20	-3.03	22.40	278	8050	23.47	-5.06	24.01	282	9050	27.28	-3.95	27.57	278
7075	22.42	-3.29	22.66	278	8075	23.16	-5.12	23.72	282	9075	27.15	-3.73	27.40	278
7100	22.42	-3.44	22.68	279	8100	22.88	-5.18	23.45	283	9100	27.30	-3.57	27.53	277
7125	22.39	-3.59	22.67	279	8125	22.57	-5.27	23.18	283	9125	27.45	-3.26	27.65	277
7150	22.62	-3.73	22.92	279	8150	22.65	-5.45	23.30	283	9150	27.60	-2.76	27.74	276
7175	22.81	-3.78	23.12	279	8175	23.03	-5.61	23.70	284	9175	27.75	-2.36	27.85	275
7200	22.82	-3.72	23.13	279	8200	23.20	-5.47	23.83	283	9200	27.97	-2.19	28.06	274
7225	22.89	-3.65	23.18	279	8225	23.02	-5.17	23.59	282	9225	28.26	-2.04	28.34	274
7250	23.11	-3.67	23.40	279	8250	22.86	-4.80	23.36	282	9250	28.24	-1.97	28.30	274
7275	23.51	-4.07	23.86	280	8275	23.06	-4.36	23.47	281	9275	27.93	-2.04	28.01	274
7300	23.81	-4.98	24.32	282	8300	23.25	-4.00	23.59	280	9300	27.66	-2.17	27.75	274
7325	24.18	-5.84	24.88	283	8325	23.25	-3.86	23.56	279	9325	27.47	-2.04	27.55	274
7350	24.49	-6.21	25.27	284	8350	23.38	-4.15	23.74	280	9350	27.31	-1.79	27.37	274
7375	24.61	-6.43	25.44	284	8375	23.62	-4.72	24.09	281	9375	27.12	-1.58	27.17	273
7400	24.84	-6.80	25.76	285	8400	24.04	-5.05	24.57	282	9400	27.04	-1.10	27.06	272
7425	25.31	-6.98	26.25	285	8425	24.39	-5.04	24.91	281	9425	26.95	-0.55	26.95	271
7450	25.89	-6.92	26.80	285	8450	24.29	-4.58	24.72	281	9450	26.80	-0.38	26.80	271
7475	26.28	-6.78	27.14	284	8475	24.15	-4.11	24.50	279	9475	26.55	-0.31	26.55	270

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2383 04/16/65, 0101Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9500	26.37	-0.10	26.37	270	10500	26.71	1.41	26.75	267	11500	30.00	-7.75	30.99	284
9525	26.15	0.03	26.15	270	10525	27.17	1.25	27.20	267	11525	29.75	-8.47	30.93	286
9550	25.96	-0.01	25.96	270	10550	27.45	1.52	27.49	267	11550	29.93	-8.67	31.16	286
9575	25.77	0.17	25.77	269	10575	27.69	1.51	27.74	267	11575	30.05	-8.97	31.36	286
9600	25.69	0.39	25.69	269	10600	27.88	1.49	27.91	267	11600	29.94	-9.22	31.32	287
9625	25.76	0.37	25.76	269	10625	27.96	1.68	28.01	266	11625	30.16	-9.03	31.48	286
9650	25.77	0.20	25.77	269	10650	28.06	1.48	28.10	267	11650	30.41	-8.81	31.66	286
9675	25.64	0.08	25.64	270	10675	28.01	1.37	28.04	267	11675	30.66	-9.07	31.97	286
9700	25.52	0.12	25.52	270	10700	28.33	1.38	28.37	267	11700	30.85	-9.59	32.31	287
9725	25.35	0.05	25.35	270	10725	28.51	1.47	28.55	267	11725	30.91	-9.82	32.44	287
9750	25.04	0.04	25.04	270	10750	28.13	1.19	28.15	267	11750	31.31	-9.88	32.84	287
9775	24.80	0.03	24.80	270	10775	27.90	-0.01	27.90	270	11775	31.99	-9.48	33.36	286
9800	24.58	0.02	24.58	270	10800	27.56	-1.93	27.62	274	11800	32.44	-9.03	33.67	285
9825	24.72	0.14	24.72	269	10825	26.46	-2.85	26.61	276	11825	32.52	-9.17	33.79	286
9850	24.76	0.40	24.76	269	10850	26.51	-2.93	26.67	276	11850	32.41	-9.15	33.68	286
9875	24.55	0.64	24.56	268	10875	27.54	-3.38	27.75	277	11875	32.17	-9.05	33.42	286
9900	24.49	0.84	24.51	268	10900	28.14	-3.56	28.37	277	11900	31.74	-9.52	33.14	287
9925	24.65	1.15	24.68	267	10925	28.04	-3.83	28.30	278	11925	32.00	-9.69	33.44	287
9950	24.68	1.26	24.71	267	10950	28.07	-4.21	28.39	278	11950	32.46	-9.23	33.74	286
9975	24.69	1.21	24.72	267	10975	28.37	-4.33	28.70	278	11975	32.38	-9.41	33.72	286
10000	24.71	1.31	24.74	267	11000	28.22	-4.52	28.58	279	12000	32.79	-10.20	34.34	287
10025	24.64	1.29	24.67	267	11025	28.29	-4.28	28.61	278	12025	33.57	-10.52	35.18	287
10050	24.52	1.27	24.55	267	11050	28.62	-4.07	28.90	278	12050	33.96	-10.43	35.53	287
10075	24.67	1.24	24.70	267	11075	28.67	-3.96	28.94	278	12075	34.01	-10.57	35.61	287
10100	24.82	1.31	24.86	267	11100	29.02	-3.37	29.22	276	12100	33.81	-10.94	35.54	288
10125	24.87	1.55	24.92	266	11125	29.47	-3.12	29.63	276	12125	33.89	-11.06	35.65	288
10150	25.05	1.21	25.08	267	11150	29.58	-3.21	29.75	276	12150	34.60	-11.01	36.31	287
10175	25.08	0.84	25.10	268	11175	29.68	-3.38	29.87	276	12175	34.89	-11.22	36.65	288
10200	25.18	0.74	25.19	268	11200	29.84	-3.76	30.07	277	12200	34.61	-11.69	36.53	288
10225	25.30	0.71	25.31	268	11225	29.97	-3.64	30.19	277	12225	34.32	-12.08	36.38	289
10250	25.47	0.98	25.49	268	11250	29.81	-3.97	30.07	277	12250	34.18	-13.16	36.62	291
10275	25.65	0.87	25.67	268	11275	29.58	-4.16	29.87	278	12275	34.43	-13.94	37.14	292
10300	25.78	1.02	25.80	268	11300	29.69	-3.91	29.95	277	12300	34.54	-13.58	37.11	291
10325	25.92	1.08	25.94	267	11325	29.95	-4.48	30.28	278	12325	34.07	-12.62	36.33	290
10350	26.09	0.95	26.11	268	11350	30.33	-5.36	30.80	280	12350	33.65	-11.81	35.66	289
10375	26.12	1.50	26.17	267	11375	30.54	-5.72	31.08	280	12375	33.53	-11.11	35.33	288
10400	26.08	1.97	26.15	265	11400	29.87	-6.10	30.49	281	12400	33.36	-10.25	34.90	287
10425	26.04	1.96	26.11	266	11425	29.33	-6.34	30.01	282	12425	33.79	-9.09	34.99	285
10450	26.16	1.95	26.23	266	11450	29.43	-6.56	30.15	282	12450	34.77	-7.51	35.57	282
10475	26.50	1.75	26.55	266	11475	29.89	-6.99	30.70	283	12475	35.22	-6.35	35.78	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2383 04/16/65, 0101Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12500	35.64	-5.81	36.11	279	13500	30.74	-10.72	32.55	289	14500	24.20	-11.03	26.60	294
12525	36.27	-5.57	36.70	279	13525	30.87	-10.90	32.74	289	14525	24.13	-10.34	26.25	293
12550	36.83	-5.18	37.19	278	13550	30.63	-11.00	32.55	290	14550	23.92	-9.41	25.71	291
12575	36.97	-4.78	37.28	277	13575	30.73	-11.31	32.74	290	14575	23.79	-7.99	25.10	288
12600	37.03	-4.28	37.28	276	13600	31.00	-11.63	33.11	290	14600	23.76	-7.55	24.93	287
12625	37.10	-3.98	37.31	276	13625	30.85	-12.09	33.14	291	14625	23.66	-7.08	24.70	286
12650	36.82	-4.09	37.04	276	13650	30.56	-12.08	32.86	291	14650	23.69	-6.18	24.49	284
12675	36.33	-4.27	36.58	277	13675	30.87	-12.32	33.24	292	14675	23.55	-5.47	24.17	283
12700	36.51	-4.07	36.74	276	13700	31.04	-12.48	33.46	292	14700	23.67	-5.05	24.20	282
12725	36.62	-3.76	36.81	276	13725	31.02	-12.23	33.34	291	14725	23.86	-4.30	24.24	280
12750	36.51	-3.36	36.66	275	13750	30.95	-12.48	33.37	292	14750	24.02	-3.95	24.34	279
12775	36.64	-3.56	36.81	275	13775	30.84	-12.56	33.30	292	14775	24.08	-3.93	24.39	279
12800	36.75	-3.47	36.91	275	13800	30.61	-12.65	33.12	292	14800	24.06	-3.28	24.28	278
12825	36.51	-2.67	36.61	274	13825	30.09	-13.07	32.81	293	14825	24.23	-2.40	24.35	275
12850	36.16	-2.59	36.25	274	13850	30.22	-12.73	32.80	293	14850	24.45	-2.26	24.55	275
12875	36.38	-3.47	36.54	275	13875	30.00	-13.26	32.80	294	14875	24.67	-1.83	24.73	274
12900	36.45	-4.07	36.67	276	13900	29.21	-13.95	32.37	295	14900	24.93	-1.88	25.00	274
12925	36.43	-4.59	36.71	277	13925	28.39	-14.23	31.76	296	14925	24.75	-2.74	24.90	276
12950	36.56	-5.03	36.90	278	13950	27.75	-14.54	31.33	297	14950	24.76	-2.59	24.89	276
12975	36.52	-5.42	36.92	278	13975	27.72	-14.45	31.26	297	14975	25.35	-2.24	25.45	275
13000	35.93	-6.16	36.46	280	14000	27.66	-14.63	31.29	298	15000	25.40	-2.33	25.51	275
13025	34.99	-7.17	35.72	281	14025	27.51	-14.58	31.13	298	15025	25.25	-2.25	25.35	275
13050	34.30	-7.23	35.06	282	14050	27.31	-14.71	31.02	298	15050	24.97	-1.77	25.03	274
13075	34.03	-7.10	34.77	282	14075	27.05	-15.16	31.01	299	15075	24.58	-1.83	24.65	274
13100	33.69	-7.52	34.52	282	14100	26.75	-15.10	30.72	299	15100	24.49	-1.58	24.55	274
13125	33.09	-7.42	33.91	282	14125	26.30	-14.92	30.24	299	15125	24.55	-1.29	24.59	273
13150	32.52	-7.26	33.32	282	14150	25.47	-15.54	29.84	301	15150	24.45	-1.46	24.49	273
13175	31.82	-7.73	32.75	283	14175	25.08	-16.31	29.92	303	15175	24.43	-1.27	24.46	273
13200	31.33	-7.86	32.30	284	14200	24.82	-16.15	29.61	303	15200	24.58	-0.75	24.59	272
13225	31.40	-7.52	32.29	283	14225	24.14	-15.71	28.81	303	15225	24.65	-0.56	24.66	271
13250	31.34	-7.66	32.26	284	14250	23.47	-15.35	28.04	303	15250	24.30	-0.74	24.31	272
13275	31.31	-7.89	32.28	284	14275	23.08	-14.58	27.30	302	15275	24.00	-0.53	24.01	271
13300	31.38	-8.45	32.50	285	14300	22.93	-13.72	26.72	301	15300	24.22	-0.49	24.23	271
13325	31.05	-8.96	32.32	286	14325	23.03	-13.37	26.63	300	15325	24.21	-1.10	24.23	272
13350	30.82	-9.02	32.11	286	14350	23.12	-12.94	26.50	299	15350	24.18	-1.28	24.21	273
13375	30.95	-9.29	32.32	287	14375	23.63	-12.53	26.74	298	15375	24.00	-1.27	24.04	273
13400	30.82	-9.56	32.27	287	14400	23.89	-12.07	26.76	297	15400	24.00	-1.67	24.06	274
13425	30.56	-9.66	32.05	287	14425	24.42	-11.09	26.82	294	15425	23.93	-2.17	24.03	275
13450	30.46	-9.69	31.97	287	14450	24.71	-11.40	27.21	295	15450	23.88	-3.16	24.09	277
13475	30.47	-10.14	32.12	288	14475	24.40	-11.65	27.04	295	15475	24.10	-4.47	24.51	280

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2383 04/16/65, 0101Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15500	23.96	-5.03	24.49	282										
15525	23.92	-5.91	24.64	284										
15550	23.55	-7.13	24.61	287										
15575	22.54	-7.70	23.82	289										
15600	21.94	-7.48	23.18	289										
15625	21.52	-7.28	22.72	289										
15650	20.87	-6.91	21.99	288										
15675	20.17	-6.09	21.06	287										
15700	19.94	-5.91	20.80	286										
15725	19.62	-5.32	20.33	285										
15750	19.42	-4.75	19.99	284										
15775	19.09	-3.85	19.48	281										
15800	18.51	-3.71	18.87	281										
15825	17.67	-3.99	18.11	283										
15850	16.19	-3.96	16.67	284										
15875	16.10	-4.09	16.61	284										
15900	15.93	-3.99	16.43	284										
15925	15.65	-4.00	16.15	284										
15950	15.76	-3.86	16.23	284										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-86

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2499 04/19/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
250	3.12	9.05	9.57	199	1250	1.54	-1.64	2.25	317	2250	1.88	-2.80	3.37	326
275	2.78	8.80	9.23	197	1275	1.13	-1.52	1.90	323	2275	2.11	-2.90	3.59	324
300	2.69	8.96	9.36	196	1300	0.83	-1.73	1.92	334	2300	2.32	-2.92	3.74	321
325	2.68	8.93	9.33	196	1325	0.84	-2.25	2.41	339	2325	2.60	-2.73	3.77	316
350	2.57	8.93	9.29	196	1350	0.81	-2.93	3.04	344	2350	2.91	-2.63	3.93	312
375	2.35	8.94	9.25	195	1375	0.72	-2.97	3.05	346	2375	3.07	-2.59	4.02	310
400	1.71	8.85	9.02	191	1400	0.81	-2.54	2.66	342	2400	3.24	-2.49	4.09	307
425	1.78	8.81	8.99	191	1425	0.64	-2.26	2.35	344	2425	3.32	-2.43	4.12	306
450	1.74	8.78	8.95	191	1450	0.22	-2.15	2.16	354	2450	3.34	-2.23	4.02	304
475	0.90	8.88	8.93	186	1475	0.03	-2.23	2.23	359	2475	3.38	-2.05	3.95	301
500	0.41	8.93	8.94	182	1500	-0.00	-2.32	2.32	0	2500	3.37	-1.93	3.89	300
525	0.12	8.97	8.97	181	1525	0.02	-2.40	2.40	359	2525	3.48	-1.82	3.93	297
550	-0.06	8.96	8.96	179	1550	0.09	-2.42	2.43	358	2550	3.67	-1.84	4.10	297
575	-0.31	8.65	8.66	178	1575	0.16	-2.46	2.47	356	2575	3.63	-1.80	4.05	296
600	-0.41	8.12	8.13	177	1600	0.20	-2.41	2.41	355	2600	3.67	-1.84	4.11	296
625	-0.32	7.58	7.59	177	1625	0.28	-2.38	2.40	353	2625	3.87	-1.89	4.31	296
650	-0.15	7.19	7.19	179	1650	0.36	-2.22	2.25	351	2650	4.18	-1.79	4.54	293
675	-0.02	6.83	6.83	180	1675	0.35	-1.82	1.85	349	2675	4.54	-1.81	4.88	292
700	0.23	6.38	6.38	182	1700	0.37	-1.84	1.87	348	2700	4.81	-2.14	5.26	294
725	0.70	5.80	5.84	187	1725	0.47	-2.06	2.12	347	2725	5.14	-2.56	5.75	296
750	1.03	5.16	5.26	191	1750	0.40	-2.07	2.11	349	2750	5.42	-2.78	6.09	297
775	1.11	4.64	4.77	193	1775	0.24	-1.98	1.99	353	2775	5.54	-2.81	6.21	297
800	1.60	4.08	4.38	201	1800	0.28	-2.02	2.04	352	2800	5.61	-2.79	6.26	296
825	2.27	3.45	4.13	213	1825	0.31	-1.93	1.95	351	2825	5.61	-2.77	6.26	296
850	2.58	2.97	3.94	221	1850	0.40	-1.78	1.83	347	2850	5.69	-2.77	6.33	296
875	2.70	2.43	3.64	228	1875	0.49	-1.80	1.87	345	2875	5.83	-2.84	6.48	296
900	2.61	1.54	3.03	239	1900	0.41	-1.86	1.91	347	2900	5.93	-2.90	6.60	296
925	2.38	0.27	2.40	263	1925	0.30	-1.95	1.97	351	2925	5.99	-2.96	6.68	296
950	2.15	-0.59	2.23	285	1950	-0.06	-2.13	2.13	1	2950	5.88	-3.10	6.65	298
975	2.06	-1.10	2.33	298	1975	-0.77	-2.58	2.70	16	2975	5.67	-3.06	6.44	298
1000	2.01	-1.32	2.41	303	2000	-1.81	-3.30	3.77	28	3000	5.30	-2.97	6.07	299
1025	1.86	-1.27	2.25	304	2025	-2.53	-3.76	4.53	34	3025	4.87	-2.94	5.69	301
1050	1.66	-1.24	2.07	306	2050	-2.61	-3.68	4.51	35	3050	4.94	-2.85	5.70	300
1075	1.41	-1.38	1.98	314	2075	-2.38	-3.41	4.16	35	3075	4.91	-2.97	5.74	301
1100	1.29	-1.42	1.92	318	2100	-1.92	-3.15	3.69	31	3100	4.56	-2.95	5.43	303
1125	1.35	-1.41	1.95	316	2125	-1.45	-2.84	3.19	27	3125	4.51	-2.73	5.27	301
1150	1.58	-1.46	2.16	313	2150	-0.67	-2.67	2.75	14	3150	4.62	-2.57	5.28	299
1175	1.91	-1.55	2.46	309	2175	0.13	-2.76	2.77	357	3175	4.49	-2.40	5.10	298
1200	1.90	-1.61	2.48	310	2200	0.77	-2.88	2.98	345	3200	4.37	-2.31	4.95	298
1225	1.76	-1.63	2.40	313	2225	1.57	-2.86	3.26	331	3225	4.34	-2.17	4.86	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2499 04/19/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3250	4.26	-1.91	4.67	294	4250	4.68	-2.34	5.23	296	5250	4.25	0.28	4.26	266
3275	4.17	-1.71	4.50	292	4275	4.66	-2.14	5.13	294	5275	4.15	0.78	4.22	259
3300	4.01	-1.46	4.27	290	4300	4.77	-1.81	5.10	291	5300	4.15	1.14	4.30	254
3325	3.84	-1.28	4.05	288	4325	5.02	-1.59	5.26	287	5325	4.20	1.39	4.42	251
3350	3.63	-1.21	3.83	288	4350	5.33	-1.34	5.49	284	5350	4.48	1.86	4.85	247
3375	3.61	-1.10	3.77	287	4375	5.70	-0.87	5.76	278	5375	5.03	2.62	5.67	242
3400	3.70	-1.19	3.89	288	4400	6.01	-0.42	6.03	274	5400	5.62	3.14	6.44	241
3425	3.64	-1.31	3.87	290	4425	6.37	-0.39	6.38	273	5425	6.08	3.21	6.88	242
3450	3.67	-1.16	3.85	287	4450	6.70	-0.43	6.71	273	5450	6.35	3.37	7.19	242
3475	3.71	-1.00	3.84	285	4475	6.73	-0.48	6.75	274	5475	6.34	3.72	7.35	239
3500	3.67	-0.80	3.75	282	4500	6.71	-0.61	6.74	275	5500	6.26	3.98	7.42	237
3525	3.70	-0.52	3.73	278	4525	6.73	-0.53	6.75	274	5525	6.43	4.13	7.64	237
3550	3.85	-0.44	3.87	276	4550	6.66	-0.48	6.68	274	5550	6.81	4.27	8.03	238
3575	4.15	-0.53	4.18	277	4575	6.53	-0.47	6.54	274	5575	7.32	4.26	8.47	240
3600	4.71	-0.73	4.77	279	4600	6.28	-0.27	6.28	272	5600	7.65	4.14	8.70	241
3625	5.19	-1.03	5.29	281	4625	6.03	-0.11	6.03	271	5625	7.82	4.18	8.87	242
3650	5.37	-1.12	5.49	282	4650	5.76	-0.04	5.76	270	5650	7.95	4.24	9.00	242
3675	5.53	-0.95	5.61	280	4675	5.51	0.19	5.51	268	5675	7.77	3.95	8.71	243
3700	5.55	-0.75	5.60	278	4700	5.39	0.29	5.40	267	5700	7.55	3.63	8.38	244
3725	5.52	-0.45	5.54	275	4725	5.44	0.32	5.45	266	5725	7.62	3.49	8.38	245
3750	5.53	-0.12	5.53	271	4750	5.50	0.48	5.52	265	5750	7.82	3.35	8.50	247
3775	5.45	0.08	5.45	269	4775	5.43	0.47	5.45	265	5775	8.01	3.01	8.56	249
3800	5.27	0.35	5.28	266	4800	5.30	0.35	5.32	266	5800	8.40	2.61	8.80	253
3825	5.28	0.58	5.31	264	4825	5.27	0.35	5.28	266	5825	9.16	2.37	9.46	255
3850	5.30	0.74	5.35	262	4850	5.31	0.33	5.32	266	5850	9.99	2.14	10.22	258
3875	5.37	0.94	5.45	260	4875	5.32	0.15	5.32	268	5875	10.47	1.80	10.63	260
3900	5.77	1.03	5.86	260	4900	5.41	-0.15	5.41	271	5900	10.70	1.53	10.81	262
3925	6.13	0.86	6.19	262	4925	5.53	-0.30	5.53	273	5925	10.88	1.34	10.96	263
3950	6.38	0.63	6.41	264	4950	4.94	-0.40	4.95	274	5950	10.96	1.25	11.03	263
3975	6.55	0.50	6.57	265	4975	4.96	-0.62	5.00	277	5975	10.97	1.30	11.05	263
4000	6.54	0.33	6.55	267	5000	5.65	-0.73	5.70	277	6000	10.90	1.50	11.00	262
4025	6.51	0.09	6.51	269	5025	5.70	-0.75	5.75	277	6025	10.84	1.74	10.98	261
4050	6.37	-0.24	6.37	272	5050	5.68	-0.93	5.76	279	6050	10.71	1.89	10.88	260
4075	6.22	-0.50	6.24	274	5075	5.54	-1.06	5.64	281	6075	10.65	1.94	10.83	260
4100	6.22	-0.99	6.30	279	5100	5.42	-1.03	5.52	281	6100	10.72	2.01	10.90	259
4125	5.97	-1.62	6.19	285	5125	5.22	-1.03	5.32	281	6125	10.83	2.05	11.03	259
4150	5.70	-1.92	6.01	288	5150	5.10	-0.99	5.20	281	6150	10.84	2.12	11.04	259
4175	5.54	-2.15	5.95	291	5175	5.00	-0.70	5.05	278	6175	10.65	2.20	10.88	258
4200	5.22	-2.42	5.75	295	5200	4.75	-0.32	4.76	274	6200	10.46	2.15	10.68	258
4225	4.87	-2.43	5.44	296	5225	4.49	-0.05	4.49	270	6225	10.45	2.29	10.70	257

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2499 04/19/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6250	10.51	2.70	10.85	255	7250	13.88	0.48	13.89	268	8250	16.42	3.23	16.74	259
6275	10.22	3.09	10.67	253	7275	14.17	0.55	14.18	268	8275	16.34	3.39	16.68	258
6300	10.19	3.29	10.71	252	7300	14.44	0.73	14.46	267	8300	16.27	3.33	16.61	258
6325	10.45	3.41	10.99	252	7325	14.70	0.89	14.73	266	8325	16.28	3.13	16.58	259
6350	10.54	3.61	11.14	251	7350	15.02	0.90	15.05	266	8350	16.31	2.91	16.56	260
6375	10.33	3.83	11.02	249	7375	15.44	0.87	15.47	267	8375	16.14	2.93	16.40	260
6400	9.90	4.03	10.68	248	7400	15.83	0.87	15.85	267	8400	15.90	2.96	16.17	259
6425	9.53	4.34	10.47	245	7425	16.07	1.06	16.11	266	8425	16.19	2.98	16.45	260
6450	9.43	4.69	10.53	243	7450	16.09	1.49	16.16	265	8450	16.20	2.84	16.45	260
6475	9.54	5.03	10.78	242	7475	16.17	2.11	16.30	262	8475	15.87	2.74	16.10	260
6500	9.52	5.28	10.89	241	7500	16.25	2.76	16.48	260	8500	16.13	2.91	16.39	260
6525	9.35	5.46	10.83	240	7525	16.27	3.21	16.59	259	8525	16.56	3.18	16.86	259
6550	9.24	5.66	10.84	238	7550	16.54	3.44	16.90	258	8550	16.72	3.18	17.02	259
6575	9.32	5.96	11.06	237	7575	16.73	3.63	17.12	258	8575	16.81	3.27	17.12	259
6600	9.62	6.28	11.49	237	7600	16.80	3.75	17.21	257	8600	16.88	3.26	17.19	259
6625	9.96	6.65	11.98	236	7625	16.71	3.73	17.12	257	8625	16.99	3.22	17.29	259
6650	10.21	6.88	12.31	236	7650	16.57	3.79	17.00	257	8650	17.16	3.30	17.48	259
6675	10.65	6.65	12.56	238	7675	16.61	3.95	17.07	256	8675	17.07	3.34	17.39	259
6700	11.28	6.38	12.96	240	7700	16.57	3.91	17.03	257	8700	17.08	3.45	17.43	258
6725	11.83	6.16	13.34	242	7725	16.48	3.87	16.93	257	8725	17.19	3.58	17.56	258
6750	12.38	5.67	13.62	245	7750	16.70	3.79	17.12	257	8750	17.11	3.48	17.46	258
6775	12.87	5.15	13.87	248	7775	16.78	3.49	17.14	258	8775	17.28	3.36	17.60	259
6800	13.05	5.01	13.98	249	7800	16.72	3.42	17.06	258	8800	17.66	3.65	18.03	258
6825	13.34	4.75	14.16	250	7825	16.82	3.44	17.17	258	8825	17.79	3.76	18.18	258
6850	13.71	4.30	14.36	252	7850	16.97	3.40	17.31	258	8850	17.82	3.67	18.20	258
6875	13.79	3.81	14.31	254	7875	17.04	3.35	17.36	259	8875	17.97	3.78	18.37	258
6900	13.95	3.29	14.34	257	7900	17.01	3.21	17.31	259	8900	18.25	3.80	18.65	258
6925	14.43	3.07	14.75	258	7925	16.90	3.05	17.17	260	8925	18.27	3.84	18.67	258
6950	14.57	2.65	14.81	260	7950	16.76	2.90	17.01	260	8950	18.06	4.06	18.51	257
6975	14.12	2.23	14.30	261	7975	16.82	2.86	17.06	260	8975	17.85	4.26	18.35	256
7000	13.62	1.89	13.75	262	8000	16.97	3.01	17.23	260	9000	17.57	4.36	18.11	256
7025	13.19	1.33	13.26	264	8025	17.09	3.18	17.38	259	9025	17.41	4.44	17.97	256
7050	12.76	0.94	12.80	266	8050	17.14	3.04	17.41	260	9050	17.23	4.66	17.84	255
7075	12.60	0.77	12.62	266	8075	17.12	2.95	17.37	260	9075	17.32	4.93	18.01	254
7100	12.66	0.69	12.68	267	8100	17.20	2.96	17.45	260	9100	17.47	5.27	18.25	253
7125	12.69	0.67	12.70	267	8125	17.24	2.88	17.48	260	9125	17.65	5.74	18.56	252
7150	12.62	0.43	12.63	268	8150	16.86	3.00	17.12	260	9150	17.76	5.95	18.73	251
7175	12.71	0.25	12.71	269	8175	16.66	3.11	16.95	259	9175	17.91	6.10	18.92	251
7200	13.09	0.30	13.10	268	8200	16.81	3.11	17.10	259	9200	18.27	6.44	19.37	250
7225	13.52	0.38	13.53	268	8225	16.66	3.08	16.94	259	9225	18.32	6.65	19.49	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2499 04/19/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9250	18.46	6.82	19.68	250	10250	25.67	6.04	26.38	257	11250	26.18	6.23	26.91	256
9275	18.53	7.13	19.85	249	10275	26.09	5.29	26.63	258	11275	25.90	5.93	26.57	257
9300	18.49	7.26	19.87	248	10300	26.16	4.92	26.62	259	11300	25.60	5.91	26.28	257
9325	18.72	7.22	20.06	249	10325	26.11	4.09	26.43	261	11325	25.37	5.95	26.06	257
9350	18.99	7.17	20.30	249	10350	26.09	3.35	26.31	263	11350	25.10	5.67	25.73	257
9375	19.25	7.52	20.67	248	10375	25.87	3.17	26.06	263	11375	25.29	5.27	25.84	258
9400	19.50	8.21	21.16	247	10400	25.52	3.06	25.70	263	11400	26.53	4.83	26.97	260
9425	19.71	8.23	21.37	247	10425	25.33	3.18	25.53	263	11425	27.69	4.61	28.07	260
9450	19.87	7.98	21.41	248	10450	25.32	3.23	25.52	263	11450	28.34	4.52	28.70	261
9475	19.85	8.30	21.52	247	10475	25.30	3.08	25.48	263	11475	29.35	4.79	29.74	261
9500	19.79	8.47	21.53	247	10500	25.21	2.97	25.38	263	11500	30.43	4.91	30.82	261
9525	19.93	8.32	21.59	247	10525	24.98	2.85	25.14	263	11525	31.47	5.04	31.87	261
9550	20.27	8.42	21.95	247	10550	24.68	3.03	24.87	263	11550	32.21	5.90	32.75	259
9575	20.51	8.65	22.26	247	10575	24.86	3.24	25.07	262	11575	32.53	6.30	33.13	259
9600	20.53	8.75	22.32	247	10600	25.59	3.57	25.84	262	11600	32.73	6.53	33.38	259
9625	20.91	8.80	22.68	247	10625	26.60	4.02	26.90	261	11625	33.16	6.95	33.88	258
9650	21.28	8.77	23.02	247	10650	27.39	4.14	27.71	261	11650	33.79	6.73	34.45	259
9675	21.51	8.58	23.15	248	10675	27.62	4.53	27.99	261	11675	34.55	6.38	35.13	259
9700	21.88	8.42	23.44	249	10700	27.52	4.79	27.93	260	11700	35.18	6.79	35.83	259
9725	21.96	8.42	23.51	249	10725	27.29	4.65	27.68	260	11725	35.66	6.75	36.29	259
9750	21.99	8.48	23.57	249	10750	27.08	4.75	27.50	260	11750	36.39	6.55	36.97	260
9775	22.06	8.42	23.61	249	10775	27.14	5.09	27.61	259	11775	36.98	6.82	37.61	259
9800	22.14	8.40	23.68	249	10800	26.95	5.07	27.42	259	11800	37.59	6.52	38.15	260
9825	22.26	8.60	23.86	249	10825	26.68	5.06	27.16	259	11825	38.03	6.60	38.60	260
9850	22.28	8.82	23.96	248	10850	26.79	5.20	27.29	259	11850	38.20	6.80	38.80	260
9875	22.65	8.92	24.34	248	10875	26.94	4.67	27.34	260	11875	38.76	6.54	39.31	260
9900	23.33	9.21	25.08	248	10900	26.97	4.25	27.30	261	11900	39.18	6.60	39.74	260
9925	23.70	9.62	25.58	248	10925	26.80	4.14	27.12	261	11925	39.34	6.76	39.92	260
9950	24.02	9.44	25.81	248	10950	26.35	4.07	26.66	261	11950	39.77	6.48	40.29	261
9975	24.21	9.08	25.86	249	10975	26.06	4.23	26.40	261	11975	40.19	6.57	40.73	261
10000	24.04	8.95	25.65	249	11000	26.00	4.43	26.38	260	12000	40.43	6.18	40.90	261
10025	23.65	8.58	25.16	250	11025	26.45	4.45	26.82	260	12025	40.50	5.60	40.89	262
10050	23.27	8.20	24.68	250	11050	27.07	4.79	27.49	260	12050	40.37	5.57	40.76	262
10075	23.38	7.91	24.68	251	11075	27.60	5.55	28.15	258	12075	40.11	5.26	40.45	262
10100	23.89	7.74	25.11	252	11100	28.07	5.83	28.67	258	12100	39.82	5.04	40.14	263
10125	24.79	7.63	25.93	253	11125	27.97	5.82	28.57	258	12125	39.71	4.66	39.98	263
10150	25.32	7.63	26.45	253	11150	27.71	6.02	28.35	258	12150	39.79	4.78	40.07	263
10175	25.29	7.60	26.41	253	11175	27.37	6.47	28.12	257	12175	39.42	5.23	39.77	262
10200	25.49	7.17	26.48	254	11200	27.09	6.45	27.85	256	12200	39.17	4.74	39.46	263
10225	25.56	6.77	26.45	255	11225	26.67	6.28	27.40	257	12225	39.21	3.65	39.38	265

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE 11-86 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2499 04/19/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12250	38.99	3.36	39.14	265	13250	33.77	0.16	33.77	270	14250	34.88	1.87	34.93	267
12275	38.96	2.92	39.07	266	13275	33.70	-0.01	33.70	270	14275	35.23	1.68	35.27	267
12300	38.78	3.00	38.90	265	13300	33.68	-0.64	33.68	271	14300	35.71	0.79	35.71	269
12325	37.88	3.73	38.06	264	13325	33.45	-1.05	33.47	272	14325	36.03	0.05	36.03	270
12350	36.89	3.55	37.06	264	13350	33.08	-1.30	33.11	272	14350	36.00	-0.63	36.00	271
12375	37.13	3.13	37.26	265	13375	32.63	-1.13	32.65	272	14375	35.99	-1.20	36.02	272
12400	37.66	3.08	37.78	265	13400	32.53	-1.14	32.55	272	14400	35.80	-1.58	35.84	272
12425	37.69	3.42	37.84	265	13425	32.49	-0.28	32.49	270	14425	35.40	-1.71	35.44	273
12450	37.04	3.58	37.21	264	13450	32.43	-0.23	32.43	270	14450	35.27	-1.47	35.30	272
12475	36.41	3.10	36.54	265	13475	32.44	-0.65	32.45	271	14475	35.34	-2.18	35.41	273
12500	36.66	2.54	36.75	266	13500	32.07	-0.42	32.07	271	14500	35.38	-2.81	35.49	274
12525	36.99	2.49	37.07	266	13525	31.73	-0.37	31.73	270	14525	34.54	-3.32	34.70	275
12550	37.05	2.70	37.15	266	13550	31.40	-0.62	31.41	271	14550	33.20	-3.33	33.37	276
12575	37.04	3.13	37.17	265	13575	31.25	-0.20	31.25	270	14575	33.16	-4.14	33.42	277
12600	36.98	2.71	37.08	266	13600	31.20	0.43	31.21	269	14600	33.51	-4.04	33.75	277
12625	36.93	1.55	36.97	267	13625	31.40	0.60	31.40	269	14625	33.43	-3.70	33.63	276
12650	37.32	1.14	37.34	268	13650	31.59	1.21	31.62	268	14650	32.98	-4.21	33.25	277
12675	37.35	0.61	37.35	269	13675	31.72	1.88	31.77	266	14675	32.27	-4.21	32.54	277
12700	37.15	-0.36	37.15	270	13700	31.82	2.09	31.89	266	14700	31.56	-4.06	31.82	277
12725	37.10	-1.10	37.12	272	13725	31.79	2.89	31.92	265	14725	31.18	-3.87	31.42	277
12750	36.99	-1.53	37.02	272	13750	32.00	3.80	32.22	263	14750	31.07	-4.33	31.37	278
12775	36.92	-1.77	36.96	273	13775	32.12	4.73	32.47	261	14775	30.54	-5.37	31.01	280
12800	36.86	-2.26	36.93	273	13800	32.35	4.98	32.74	261	14800	30.42	-4.61	30.76	278
12825	36.76	-1.81	36.81	273	13825	32.66	4.88	33.02	261	14825	30.57	-3.67	30.79	277
12850	36.89	-1.44	36.91	272	13850	32.43	4.94	32.80	261	14850	30.49	-3.24	30.66	276
12875	37.06	-2.17	37.12	273	13875	32.00	5.20	32.42	261	14875	30.00	-3.28	30.18	276
12900	36.91	-1.85	36.96	273	13900	32.29	5.24	32.71	261	14900	29.22	-3.62	29.44	277
12925	36.59	-0.71	36.59	271	13925	32.82	5.63	33.30	260	14925	29.10	-3.17	29.27	276
12950	36.33	-0.20	36.33	270	13950	32.93	4.92	33.30	261	14950	29.17	-2.62	29.28	275
12975	36.54	-0.60	36.55	271	13975	33.16	4.31	33.44	262	14975	29.32	-2.34	29.42	274
13000	36.64	-0.91	36.65	271	14000	33.45	4.27	33.72	263	15000	29.29	-2.87	29.43	275
13025	35.78	-0.87	35.79	271	14025	33.32	2.87	33.45	265	15025	29.59	-3.12	29.76	276
13050	34.53	-0.96	34.54	271	14050	33.46	3.02	33.60	265	15050	29.96	-3.59	30.17	277
13075	34.75	-0.91	34.76	271	14075	33.48	4.10	33.73	263	15075	29.58	-4.65	29.94	279
13100	34.94	-0.97	34.95	271	14100	33.67	4.28	33.94	263	15100	29.01	-4.90	29.42	279
13125	35.00	-0.98	35.02	271	14125	33.90	3.51	34.08	264	15125	29.20	-5.49	29.71	280
13150	34.89	-1.10	34.90	272	14150	33.82	2.83	33.93	265	15150	28.98	-6.22	29.64	282
13175	34.59	-1.21	34.61	272	14175	33.74	2.86	33.86	265	15175	28.21	-8.00	29.32	286
13200	34.22	-1.18	34.24	272	14200	33.82	3.03	33.96	265	15200	27.57	-6.60	28.35	283
13225	34.01	-0.91	34.02	271	14225	34.33	2.55	34.43	266	15225	26.73	-5.11	27.21	281

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2499 04/19/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15250	25.93	-5.87	26.59	283	16250	21.81	-8.54	23.42	291	17250	16.61	-7.11	18.06	293
15275	26.07	-5.25	26.59	281	16275	20.64	-8.94	22.49	293	17275	15.76	-5.69	16.76	290
15300	26.26	-3.40	26.48	277	16300	20.44	-9.09	22.38	294	17300	15.80	-5.36	16.69	289
15325	26.26	-2.99	26.43	276	16325	20.35	-9.08	22.29	294	17325	15.07	-4.71	15.79	287
15350	26.35	-2.78	26.50	276	16350	19.60	-9.64	21.84	296	17350	13.81	-3.54	14.26	284
15375	26.36	-2.04	26.43	274	16375	19.59	-8.30	21.27	293	17375	13.41	-2.33	13.62	280
15400	26.31	-1.44	26.35	273	16400	19.88	-6.93	21.05	289	17400	13.08	-0.62	13.10	273
15425	26.52	-1.75	26.58	274	16425	19.49	-6.16	20.44	287					
15450	26.47	-0.98	26.48	272	16450	19.15	-6.24	20.14	288					
15475	26.36	0.10	26.36	270	16475	18.97	-5.23	19.67	285					
15500	26.62	0.13	26.62	270	16500	18.87	-5.02	19.53	285					
15525	26.90	0.22	26.90	269	16525	18.42	-5.23	19.15	286					
15550	27.17	0.31	27.17	269	16550	17.70	-4.94	18.37	285					
15575	27.45	0.40	27.45	269	16575	17.34	-5.89	18.31	289					
15600	27.72	0.50	27.73	269	16600	16.55	-5.15	17.34	287					
15625	28.00	0.59	28.01	269	16625	15.67	-5.07	16.47	288					
15650	28.28	0.68	28.28	268	16650	15.12	-5.63	16.13	290					
15675	28.55	0.77	28.56	268	16675	14.62	-4.85	15.40	288					
15700	28.83	0.87	28.84	268	16700	14.38	-5.01	15.23	289					
15725	29.10	0.96	29.12	268	16725	14.74	-5.44	15.72	290					
15750	29.38	1.05	29.40	268	16750	15.19	-4.07	15.73	285					
15775	29.65	1.14	29.68	268	16775	15.38	-2.34	15.56	278					
15800	29.93	1.24	29.96	267	16800	15.77	-2.72	16.00	280					
15825	30.21	1.33	30.24	267	16825	16.00	-3.20	16.32	281					
15850	29.93	1.01	29.94	268	16850	16.50	-2.87	16.75	280					
15875	29.84	0.89	29.85	268	16875	17.49	-3.26	17.79	280					
15900	29.64	-0.37	29.65	271	16900	17.99	-3.83	18.40	282					
15925	29.47	-1.40	29.50	273	16925	19.05	-4.06	19.48	282					
15950	29.61	-2.06	29.68	274	16950	19.65	-4.72	20.21	283					
15975	29.18	-3.22	29.35	276	16975	20.00	-4.24	20.44	282					
16000	28.49	-3.47	28.70	277	17000	20.21	-4.46	20.70	282					
16025	27.67	-3.49	27.89	277	17025	20.48	-5.56	21.22	285					
16050	27.41	-5.52	27.96	281	17050	20.80	-5.26	21.45	284					
16075	26.92	-6.23	27.63	283	17075	20.73	-5.58	21.47	285					
16100	26.28	-5.35	26.82	281	17100	20.15	-6.15	21.07	287					
16125	26.11	-5.71	26.73	282	17125	19.20	-6.13	20.16	288					
16150	25.71	-6.18	26.44	283	17150	18.37	-6.55	19.50	289					
16175	25.12	-6.61	25.98	285	17175	17.90	-7.75	19.51	293					
16200	24.67	-6.95	25.63	286	17200	17.63	-7.57	19.19	293					
16225	23.47	-7.84	24.74	288	17225	17.29	-7.37	18.79	293					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER2500-2 04/20/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
225	3.57	0.25	3.58	266	1225	6.79	2.36	7.19	251	2225	5.48	2.38	5.98	246
250	3.34	0.17	3.35	267	1250	6.71	2.48	7.15	250	2250	5.48	2.49	6.02	245
275	3.23	-0.12	3.23	272	1275	6.73	2.71	7.25	248	2275	5.34	2.59	5.93	244
300	3.14	-0.34	3.16	276	1300	7.07	2.97	7.67	247	2300	5.32	2.81	6.02	242
325	3.05	-0.30	3.07	275	1325	7.00	3.21	7.70	245	2325	5.35	2.86	6.06	242
350	2.88	-0.25	2.89	275	1350	6.84	3.22	7.56	245	2350	5.35	2.94	6.10	241
375	2.97	-0.21	2.98	274	1375	6.57	3.24	7.33	244	2375	5.50	3.08	6.30	241
400	3.28	-0.19	3.29	273	1400	6.37	3.36	7.20	242	2400	5.50	3.31	6.42	239
425	3.47	0.04	3.47	269	1425	6.40	3.26	7.19	243	2425	5.81	3.77	6.93	237
450	3.81	0.31	3.83	265	1450	6.26	3.33	7.09	242	2450	6.66	4.16	7.85	238
475	3.95	0.53	3.98	262	1475	6.20	3.58	7.16	240	2475	7.01	4.28	8.22	238
500	4.04	0.82	4.12	258	1500	5.98	3.74	7.05	238	2500	7.20	4.29	8.38	239
525	3.97	1.07	4.12	255	1525	5.64	3.84	6.82	236	2525	7.62	4.23	8.71	241
550	3.81	1.38	4.06	250	1550	5.52	3.91	6.77	235	2550	7.79	4.30	8.89	241
575	3.81	1.77	4.20	245	1575	5.27	4.09	6.67	232	2575	8.04	4.61	9.27	240
600	3.75	2.17	4.34	240	1600	5.26	4.23	6.75	231	2600	8.06	4.82	9.39	239
625	3.81	2.46	4.54	237	1625	5.13	4.26	6.67	230	2625	7.66	5.04	9.17	236
650	3.70	2.67	4.56	234	1650	4.88	4.53	6.66	227	2650	7.62	5.34	9.30	235
675	3.93	2.90	4.88	233	1675	4.92	4.77	6.85	226	2675	7.62	5.63	9.48	233
700	4.35	3.09	5.33	234	1700	5.03	5.00	7.09	225	2700	7.34	5.89	9.41	231
725	4.37	3.11	5.36	234	1725	5.28	5.25	7.45	225	2725	7.12	6.01	9.32	230
750	4.39	2.87	5.24	237	1750	5.38	5.28	7.54	225	2750	6.88	5.87	9.04	229
775	4.50	2.71	5.25	239	1775	5.36	5.21	7.47	226	2775	6.90	5.59	8.88	231
800	4.93	2.59	5.57	242	1800	5.27	5.01	7.28	226	2800	7.30	5.25	8.99	234
825	5.34	2.56	5.92	244	1825	5.25	4.96	7.22	226	2825	7.51	4.98	9.01	236
850	5.63	2.81	6.30	243	1850	5.43	5.00	7.38	227	2850	7.73	4.96	9.18	237
875	5.72	2.91	6.42	243	1875	5.29	4.84	7.17	227	2875	8.06	4.96	9.47	238
900	5.51	2.95	6.25	242	1900	4.82	4.59	6.66	226	2900	8.01	4.90	9.39	238
925	5.43	3.01	6.20	241	1925	4.15	4.43	6.07	223	2925	7.98	5.02	9.43	238
950	5.22	2.94	5.99	240	1950	3.47	4.62	5.78	217	2950	8.11	5.05	9.55	238
975	5.41	2.81	6.09	242	1975	3.40	4.77	5.86	215	2975	8.21	5.04	9.64	238
1000	5.95	2.54	6.47	247	2000	3.49	4.73	5.88	216	3000	8.48	5.18	9.94	238
1025	6.45	2.43	6.89	249	2025	3.49	4.83	5.95	216	3025	8.53	5.03	9.91	239
1050	7.00	2.40	7.40	251	2050	3.84	4.64	6.02	219	3050	8.46	4.89	9.78	240
1075	7.09	2.57	7.54	250	2075	3.93	4.52	5.97	220	3075	8.68	4.92	9.98	240
1100	7.29	2.65	7.75	250	2100	4.27	3.83	5.74	228	3100	8.63	4.93	9.94	240
1125	7.28	2.41	7.67	251	2125	4.87	3.62	6.06	233	3125	8.42	5.10	9.85	239
1150	7.05	2.36	7.43	251	2150	5.21	3.15	6.09	239	3150	8.39	5.32	9.93	237
1175	6.98	2.32	7.36	251	2175	5.50	2.69	6.12	244	3175	8.26	5.42	9.88	237
1200	6.79	2.27	7.16	251	2200	5.52	2.38	6.01	246	3200	8.29	5.45	9.92	236

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER2500-2 04/20/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3225	8.55	5.40	10.11	238	4225	15.48	4.19	16.04	255	5225	18.68	2.59	18.86	262
3250	8.42	5.42	10.02	237	4250	15.00	4.12	15.55	254	5250	18.76	2.81	18.97	261
3275	8.39	5.35	9.95	237	4275	14.69	4.08	15.24	254	5275	18.87	2.84	19.08	261
3300	8.72	5.18	10.15	239	4300	14.85	4.08	15.40	254	5300	18.85	2.76	19.05	261
3325	8.73	5.17	10.15	239	4325	14.55	3.88	15.06	255	5325	18.74	2.55	18.91	262
3350	8.55	5.13	9.97	239	4350	14.20	3.79	14.70	255	5350	19.04	2.18	19.16	263
3375	8.04	4.94	9.44	238	4375	14.45	4.07	15.01	254	5375	19.12	1.55	19.18	265
3400	7.31	4.85	8.78	236	4400	14.70	4.33	15.32	253	5400	18.88	1.11	18.92	266
3425	7.34	4.91	8.83	236	4425	14.88	4.27	15.48	254	5425	18.67	0.93	18.69	267
3450	7.32	4.86	8.79	236	4450	15.19	4.23	15.77	254	5450	18.41	0.72	18.42	268
3475	7.06	4.76	8.52	236	4475	15.60	4.14	16.14	255	5475	18.42	0.68	18.43	268
3500	7.36	4.70	8.73	237	4500	15.87	3.99	16.37	256	5500	18.37	0.62	18.38	268
3525	7.59	4.66	8.91	238	4525	16.11	3.82	16.56	256	5525	17.95	0.48	17.95	268
3550	7.68	4.67	8.99	239	4550	16.53	3.78	16.96	257	5550	17.69	0.53	17.69	268
3575	8.16	4.68	9.41	240	4575	16.69	3.89	17.14	257	5575	17.63	0.53	17.64	268
3600	8.27	4.64	9.48	241	4600	16.67	3.83	17.10	257	5600	17.53	0.27	17.53	269
3625	8.21	4.71	9.46	240	4625	16.75	3.73	17.16	257	5625	17.10	-0.15	17.10	270
3650	8.65	4.86	9.93	240	4650	16.93	3.77	17.35	257	5650	16.59	-0.22	16.59	271
3675	9.13	4.80	10.32	242	4675	16.96	3.58	17.33	258	5675	15.97	0.02	15.97	270
3700	9.39	4.58	10.45	244	4700	16.91	3.13	17.20	259	5700	15.65	0.09	15.65	269
3725	9.86	4.56	10.87	245	4725	17.08	2.86	17.32	260	5725	15.45	-0.06	15.46	270
3750	10.31	4.49	11.25	246	4750	17.35	2.88	17.58	260	5750	15.18	-0.21	15.18	271
3775	10.59	4.47	11.49	247	4775	17.64	3.16	17.92	260	5775	15.13	-0.33	15.13	271
3800	10.74	4.64	11.70	246	4800	17.83	3.26	18.13	259	5800	15.37	-0.58	15.38	272
3825	10.77	4.70	11.75	246	4825	17.85	3.10	18.12	260	5825	15.65	-0.97	15.68	273
3850	10.97	4.83	11.98	246	4850	18.02	3.05	18.28	260	5850	15.91	-1.24	15.96	274
3875	11.37	5.09	12.46	246	4875	18.15	3.08	18.41	260	5875	16.67	-1.28	16.72	274
3900	11.88	5.15	12.95	246	4900	18.11	3.10	18.37	260	5900	17.23	-1.25	17.27	274
3925	12.07	5.01	13.06	247	4925	18.35	3.11	18.61	260	5925	17.79	-1.17	17.83	274
3950	12.32	5.01	13.30	248	4950	18.65	2.97	18.88	261	5950	18.29	-1.02	18.32	273
3975	13.28	5.05	14.21	249	4975	18.91	2.70	19.10	262	5975	18.34	-0.74	18.36	272
4000	14.01	4.71	14.79	251	5000	18.97	2.60	19.15	262	6000	18.15	-0.56	18.16	272
4025	14.23	4.33	14.88	253	5025	18.69	2.71	18.89	262	6025	18.04	-0.45	18.05	271
4050	14.51	4.17	15.10	254	5050	18.30	2.74	18.51	261	6050	17.96	-0.35	17.96	271
4075	14.80	4.01	15.33	255	5075	18.32	2.58	18.50	262	6075	17.59	-0.33	17.59	271
4100	15.06	3.79	15.52	256	5100	18.40	2.33	18.55	263	6100	17.33	-0.25	17.34	271
4125	15.26	3.86	15.74	256	5125	18.24	2.41	18.40	262	6125	17.14	-0.17	17.14	270
4150	15.38	4.07	15.91	255	5150	18.41	2.60	18.59	262	6150	16.80	-0.13	16.80	270
4175	15.32	4.10	15.86	255	5175	18.65	2.53	18.82	262	6175	16.53	-0.28	16.53	271
4200	15.42	4.15	15.97	255	5200	18.62	2.48	18.79	262	6200	16.22	-0.62	16.23	272

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-87 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER2500-2 04/20/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6225	15.82	-0.85	15.84	273	7225	15.23	4.91	16.00	252	8225	9.91	3.66	10.56	250
6250	15.81	-0.92	15.84	273	7250	15.02	5.11	15.87	251	8250	9.48	3.46	10.09	250
6275	16.17	-0.84	16.19	273	7275	14.92	5.25	15.82	250	8275	9.13	3.52	9.78	249
6300	16.04	-0.68	16.06	272	7300	14.86	5.36	15.80	250	8300	8.93	3.65	9.64	248
6325	15.76	-0.43	15.76	271	7325	14.82	5.30	15.74	250	8325	8.90	3.72	9.64	247
6350	15.78	-0.17	15.78	270	7350	14.54	5.35	15.49	250	8350	8.90	3.61	9.61	248
6375	15.74	-0.03	15.74	270	7375	14.35	5.15	15.24	250	8375	9.00	3.58	9.69	248
6400	15.83	0.04	15.83	270	7400	14.19	4.81	14.99	251	8400	9.25	3.74	9.98	248
6425	15.84	0.23	15.84	269	7425	13.96	4.84	14.78	251	8425	9.47	3.80	10.20	248
6450	15.57	0.35	15.57	269	7450	13.79	4.82	14.61	251	8450	9.87	3.85	10.59	249
6475	15.67	0.56	15.68	268	7475	13.53	4.72	14.33	251	8475	10.23	3.99	10.99	249
6500	15.98	0.81	16.00	267	7500	13.31	5.05	14.24	249	8500	10.50	3.87	11.19	250
6525	15.90	0.99	15.93	266	7525	13.11	5.20	14.11	248	8525	11.02	3.79	11.66	251
6550	15.84	1.21	15.88	265	7550	12.81	5.18	13.82	248	8550	11.71	3.83	12.32	252
6575	16.00	1.33	16.05	265	7575	12.43	5.18	13.47	247	8575	12.20	3.60	12.72	253
6600	15.88	1.66	15.96	264	7600	12.07	5.19	13.14	247	8600	12.33	3.52	12.82	254
6625	15.87	1.93	15.99	263	7625	11.77	5.23	12.88	246	8625	12.35	3.71	12.89	253
6650	16.05	1.83	16.15	263	7650	11.38	4.83	12.37	247	8650	12.46	3.89	13.05	252
6675	16.35	1.80	16.45	264	7675	11.05	4.42	11.91	248	8675	12.54	4.16	13.21	251
6700	16.70	1.89	16.80	263	7700	11.16	4.14	11.90	249	8700	12.33	4.47	13.12	250
6725	16.86	2.21	17.00	262	7725	11.72	3.74	12.30	252	8725	12.19	4.87	13.12	248
6750	17.10	2.54	17.29	261	7750	12.09	3.50	12.58	254	8750	12.33	5.38	13.45	246
6775	17.20	2.57	17.39	261	7775	12.21	3.46	12.69	254	8775	12.44	5.37	13.55	246
6800	17.26	2.73	17.48	261	7800	12.29	3.48	12.78	254	8800	12.52	5.41	13.64	246
6825	17.53	3.16	17.81	260	7825	12.17	3.70	12.72	253	8825	12.69	5.65	13.89	246
6850	17.59	3.63	17.96	258	7850	12.03	3.85	12.63	252	8850	12.91	5.49	14.03	247
6875	17.40	4.09	17.88	257	7875	11.93	3.92	12.56	252	8875	12.99	5.60	14.15	247
6900	17.47	4.60	18.06	255	7900	11.98	4.00	12.63	251	8900	13.17	5.88	14.42	246
6925	17.44	4.68	18.06	255	7925	12.07	4.19	12.77	251	8925	13.18	6.03	14.49	245
6950	17.32	4.79	17.97	254	7950	11.91	4.29	12.66	250	8950	13.14	6.14	14.50	245
6975	17.24	5.14	17.99	253	7975	11.73	4.13	12.43	250	8975	13.30	6.34	14.73	244
7000	16.97	5.20	17.75	253	8000	11.68	4.11	12.39	250	9000	13.38	6.69	14.96	243
7025	16.67	5.23	17.48	252	8025	11.68	4.04	12.36	251	9025	13.32	6.81	14.96	243
7050	16.49	5.11	17.26	253	8050	11.43	3.97	12.10	251	9050	13.31	6.95	15.02	242
7075	16.18	4.78	16.87	253	8075	10.97	3.99	11.67	250	9075	13.34	7.33	15.22	241
7100	16.05	4.67	16.71	254	8100	10.63	4.05	11.37	249	9100	13.18	7.50	15.17	240
7125	16.11	4.58	16.74	254	8125	10.40	4.06	11.16	249	9125	12.87	7.66	14.97	239
7150	16.03	4.56	16.66	254	8150	10.31	3.82	11.00	249	9150	12.75	7.97	15.03	238
7175	15.73	4.74	16.42	253	8175	10.22	3.78	10.89	250	9175	13.04	8.35	15.48	237
7200	15.49	4.76	16.20	253	8200	10.06	3.88	10.78	249	9200	13.36	8.60	15.89	237

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER2500-2 04/20/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9225	13.67	8.61	16.15	238	10225	21.42	3.67	21.73	260	11225	23.58	-5.53	24.22	283
9250	14.14	8.49	16.49	239	10250	22.31	3.88	22.64	260	11250	23.61	-5.42	24.22	283
9275	14.67	8.71	17.07	239	10275	23.26	3.79	23.57	261	11275	23.50	-5.30	24.09	283
9300	15.04	9.08	17.57	239	10300	23.67	3.54	23.93	261	11300	23.58	-5.16	24.13	282
9325	15.13	9.20	17.71	239	10325	23.65	3.09	23.85	262	11325	23.58	-5.03	24.11	282
9350	14.69	9.62	17.56	237	10350	23.37	2.70	23.53	263	11350	23.44	-4.99	23.97	282
9375	14.53	10.07	17.68	235	10375	22.91	2.64	23.06	263	11375	23.33	-5.09	23.88	282
9400	15.00	10.27	18.18	235	10400	22.98	2.56	23.12	263	11400	23.00	-4.85	23.51	282
9425	15.11	10.48	18.39	235	10425	23.28	2.19	23.38	264	11425	22.97	-4.16	23.34	280
9450	15.21	10.80	18.66	234	10450	23.29	1.93	23.37	265	11450	23.18	-3.40	23.43	278
9475	15.49	11.11	19.06	234	10475	23.21	1.80	23.28	265	11475	23.23	-3.27	23.46	278
9500	15.62	10.93	19.07	235	10500	23.34	1.16	23.37	267	11500	22.85	-2.68	23.00	277
9525	16.13	10.86	19.45	236	10525	24.02	0.13	24.02	269	11525	22.42	-1.72	22.48	274
9550	16.49	10.90	19.77	236	10550	24.71	-0.48	24.72	271	11550	22.56	-1.15	22.59	273
9575	16.73	10.68	19.85	237	10575	24.82	-0.81	24.84	272	11575	22.52	-0.27	22.52	270
9600	16.97	10.46	19.93	238	10600	24.67	-1.52	24.72	273	11600	22.61	0.40	22.62	269
9625	16.90	10.38	19.83	238	10625	24.50	-2.01	24.58	275	11625	23.28	0.86	23.29	268
9650	16.75	10.06	19.54	239	10650	24.16	-2.49	24.29	276	11650	23.41	1.33	23.45	267
9675	16.94	9.61	19.48	240	10675	23.94	-2.93	24.12	277	11675	23.29	1.67	23.35	266
9700	17.28	9.01	19.49	242	10700	24.08	-3.05	24.28	277	11700	23.38	2.20	23.48	264
9725	17.74	8.36	19.61	245	10725	24.37	-2.95	24.55	277	11725	23.61	2.74	23.77	263
9750	17.99	7.87	19.64	246	10750	24.64	-2.92	24.81	277	11750	24.08	3.22	24.30	262
9775	17.92	7.44	19.40	247	10775	24.68	-3.06	24.87	277	11775	24.59	3.99	24.91	261
9800	18.01	7.11	19.36	248	10800	24.60	-3.34	24.82	278	11800	24.77	4.57	25.19	259
9825	18.26	6.78	19.48	249	10825	24.77	-3.58	25.03	278	11825	24.87	5.16	25.40	258
9850	18.44	6.49	19.55	250	10850	24.79	-3.70	25.06	278	11850	24.74	6.04	25.46	256
9875	18.62	6.03	19.57	252	10875	24.64	-3.75	24.92	278	11875	24.56	6.59	25.43	255
9900	18.74	5.77	19.61	253	10900	24.74	-3.77	25.02	278	11900	24.46	7.01	25.44	254
9925	19.19	5.42	19.94	254	10925	24.70	-4.17	25.05	279	11925	24.34	7.50	25.47	253
9950	19.38	4.77	19.96	256	10950	24.37	-4.43	24.77	280	11950	24.24	7.99	25.52	252
9975	19.21	4.55	19.74	256	10975	24.14	-4.68	24.59	281	11975	24.64	8.67	26.11	250
10000	19.15	4.50	19.68	257	11000	24.19	-5.09	24.71	282	12000	25.32	9.23	26.95	250
10025	19.14	4.31	19.62	257	11025	24.16	-5.26	24.73	282	12025	25.62	9.98	27.50	249
10050	19.58	4.18	20.03	258	11050	23.91	-5.31	24.50	282	12050	25.77	10.69	27.90	247
10075	19.83	3.88	20.20	259	11075	23.61	-5.68	24.28	283	12075	26.18	10.73	28.29	248
10100	19.67	3.48	19.97	260	11100	23.46	-5.96	24.21	284	12100	27.33	10.69	29.35	248
10125	19.90	3.39	20.18	260	11125	23.27	-5.92	24.01	284	12125	28.15	10.79	30.14	249
10150	20.17	3.07	20.41	261	11150	23.24	-5.98	24.00	284	12150	27.87	10.65	29.83	249
10175	20.59	2.85	20.79	262	11175	23.68	-5.78	24.38	284	12175	27.83	10.34	29.69	249
10200	20.93	3.23	21.18	261	11200	23.69	-5.65	24.36	283	12200	28.26	10.12	30.01	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER2500-2 04/20/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12225	28.77	9.68	30.35	251	13225	37.79	14.04	40.31	249	14225	30.78	8.20	31.85	255
12250	29.32	9.21	30.73	252	13250	37.93	13.72	40.34	250	14250	30.02	9.06	31.36	253
12275	29.99	8.99	31.31	253	13275	37.88	13.97	40.37	250	14275	29.79	9.68	31.32	252
12300	30.22	8.93	31.51	253	13300	38.04	14.01	40.54	250	14300	29.89	9.47	31.35	252
12325	30.14	9.10	31.48	253	13325	38.58	13.59	40.91	250	14325	29.84	9.63	31.35	252
12350	30.17	9.02	31.49	253	13350	38.55	13.45	40.83	251	14350	29.91	9.71	31.45	252
12375	30.38	9.22	31.75	253	13375	38.46	12.67	40.49	252	14375	30.20	9.37	31.62	253
12400	30.52	9.75	32.04	252	13400	38.48	12.41	40.43	252	14400	30.24	9.35	31.66	253
12425	30.77	10.01	32.35	252	13425	38.51	12.76	40.57	251	14425	30.27	9.43	31.71	253
12450	31.33	10.22	32.95	252	13450	38.55	12.32	40.47	252	14450	30.43	9.23	31.80	253
12475	32.01	10.37	33.65	252	13475	37.98	12.09	39.86	252	14475	30.49	8.89	31.76	254
12500	32.75	10.55	34.40	252	13500	37.47	12.04	39.36	252	14500	30.80	8.70	32.00	254
12525	33.01	11.25	34.88	251	13525	37.03	11.97	38.91	252	14525	30.99	8.59	32.16	254
12550	33.29	11.74	35.30	250	13550	36.56	12.05	38.49	252	14550	31.18	7.84	32.15	256
12575	33.82	11.35	35.68	251	13575	35.80	12.26	37.84	251	14575	31.16	7.00	31.94	257
12600	34.29	10.93	35.99	252	13600	35.47	12.30	37.54	251	14600	31.11	6.30	31.74	258
12625	34.90	10.57	36.46	253	13625	35.54	11.83	37.46	251	14625	31.30	5.82	31.84	259
12650	35.37	10.34	36.85	254	13650	35.70	11.30	37.45	252	14650	31.47	5.34	31.92	260
12675	35.67	10.16	37.09	254	13675	35.50	10.37	36.98	254	14675	31.69	4.32	31.99	262
12700	35.56	10.02	36.95	254	13700	35.42	10.11	36.84	254	14700	31.36	4.55	31.68	262
12725	35.44	10.11	36.86	254	13725	35.44	9.99	36.82	254	14725	30.90	4.72	31.26	261
12750	35.38	10.62	36.94	253	13750	35.06	10.11	36.49	254	14750	30.76	3.88	31.01	263
12775	34.84	11.19	36.59	252	13775	34.55	10.12	36.00	253	14775	30.39	3.24	30.56	264
12800	34.07	12.13	36.16	250	13800	34.06	10.23	35.56	253	14800	29.52	2.69	29.65	265
12825	33.24	13.24	35.78	248	13825	33.34	10.35	34.91	253	14825	28.93	2.53	29.04	265
12850	32.54	13.68	35.30	247	13850	32.72	9.98	34.20	253	14850	28.18	1.97	28.25	266
12875	32.66	13.45	35.32	247	13875	32.55	9.77	33.98	253	14875	27.42	1.36	27.45	267
12900	33.50	12.89	35.89	249	13900	32.66	9.36	33.98	254	14900	26.58	1.54	26.63	266
12925	33.92	12.56	36.17	250	13925	32.55	8.43	33.63	255	14925	25.86	1.27	25.89	267
12950	34.29	12.10	36.37	250	13950	32.33	7.71	33.24	256	14950	24.25	1.36	24.29	267
12975	34.95	11.61	36.83	251	13975	32.26	7.46	33.11	257	14975	23.58	1.70	23.64	266
13000	35.49	11.39	37.27	252	14000	32.14	7.42	32.99	257	15000	22.54	1.30	22.57	267
13025	35.85	11.48	37.65	252	14025	31.85	7.80	32.79	256	15025	22.02	1.19	22.05	267
13050	36.03	11.77	37.90	252	14050	31.94	7.46	32.80	257	15050	21.63	1.75	21.70	265
13075	35.98	12.41	38.06	251	14075	31.97	7.22	32.77	257	15075	21.57	1.76	21.65	265
13100	36.18	13.11	38.48	250	14100	32.09	6.96	32.84	258	15100	20.91	1.41	20.96	266
13125	36.51	13.67	38.98	249	14125	32.06	6.49	32.72	258	15125	19.99	1.51	20.05	265
13150	36.68	13.82	39.20	249	14150	31.63	6.67	32.33	258	15150	19.47	1.55	19.53	265
13175	37.01	13.80	39.50	249	14175	31.46	6.94	32.22	257	15175	18.94	1.88	19.03	264
13200	37.47	14.10	40.04	249	14200	31.25	7.63	32.17	256	15200	18.10	2.26	18.24	263

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER2500-2 04/20/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15225	17.35	2.61	17.55	261	16225	24.79	5.96	25.49	256	17225	19.46	10.41	22.07	242
15250	16.63	3.25	16.94	259	16250	25.27	5.49	25.86	258	17250	19.60	8.82	21.49	246
15275	15.85	3.54	16.24	257	16275	25.28	5.65	25.90	257	17275	19.56	8.40	21.28	247
15300	15.48	3.50	15.87	257	16300	25.01	5.34	25.58	258	17300	19.77	7.77	21.24	248
15325	15.05	3.81	15.53	256	16325	24.77	3.88	25.07	261	17325	19.51	6.59	20.60	251
15350	14.54	4.44	15.20	253	16350	24.98	3.18	25.18	263	17350	19.40	5.43	20.15	254
15375	14.00	5.00	14.87	250	16375	24.81	2.63	24.95	264	17375	19.43	4.74	20.00	256
15400	13.64	5.32	14.64	249	16400	23.55	1.34	23.58	267					
15425	13.19	5.36	14.24	248	16425	24.23	1.43	24.27	266					
15450	12.68	5.62	13.87	246	16450	25.25	1.30	25.29	267					
15475	12.53	6.28	14.01	243	16475	25.72	0.16	25.72	269					
15500	12.22	6.76	13.97	241	16500	25.43	-0.47	25.44	271					
15525	11.95	7.15	13.92	239	16525	24.46	-0.28	24.46	270					
15550	11.75	7.09	13.72	239	16550	23.41	0.44	23.42	269					
15575	11.30	7.52	13.58	236	16575	22.45	0.58	22.46	268					
15600	10.48	8.26	13.34	232	16600	21.59	0.58	21.60	268					
15625	10.14	8.29	13.10	231	16625	21.34	0.98	21.36	267					
15650	9.69	9.66	13.69	225	16650	20.43	1.19	20.46	266					
15675	9.90	10.33	14.31	224	16675	19.20	1.59	19.27	265					
15700	10.44	10.49	14.80	225	16700	18.44	2.55	18.62	262					
15725	10.62	11.13	15.39	223	16725	17.83	2.69	18.03	261					
15750	10.34	11.65	15.57	221	16750	17.29	3.10	17.56	260					
15775	9.96	12.35	15.87	219	16775	16.99	3.37	17.32	259					
15800	10.14	12.27	15.92	219	16800	16.72	3.71	17.13	257					
15825	11.29	12.03	16.50	223	16825	15.93	4.46	16.54	254					
15850	12.45	11.99	17.29	226	16850	15.64	4.13	16.18	255					
15875	13.21	12.18	17.97	227	16875	15.28	4.69	15.98	253					
15900	14.03	11.90	18.40	230	16900	14.97	5.49	15.95	250					
15925	14.71	12.02	19.00	231	16925	14.60	5.46	15.59	249					
15950	15.24	12.42	19.66	231	16950	15.02	5.38	15.95	250					
15975	15.67	11.88	19.66	233	16975	15.37	5.88	16.45	249					
16000	16.26	11.36	19.83	235	17000	15.18	6.89	16.67	245					
16025	17.66	11.28	20.96	237	17025	14.93	7.01	16.49	245					
16050	19.56	11.21	22.54	240	17050	14.41	6.81	15.93	245					
16075	20.43	10.16	22.82	243	17075	14.20	7.31	15.97	243					
16100	20.91	9.15	22.82	246	17100	14.59	8.12	16.70	241					
16125	21.60	8.61	23.25	248	17125	15.10	9.15	17.66	239					
16150	22.05	8.32	23.57	249	17150	15.34	9.53	18.06	238					
16175	23.01	7.59	24.23	252	17175	16.29	9.97	19.10	238					
16200	23.83	6.87	24.80	254	17200	18.16	10.71	21.08	239					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-88

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2501 04/21/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
200	-5.13	3.03	5.96	120	1200	-4.14	3.48	5.41	130	2200	-2.07	-0.81	2.22	68
225	-4.60	3.03	5.51	123	1225	-4.18	3.55	5.48	130	2225	-2.21	-0.63	2.30	74
250	-4.38	2.91	5.25	123	1250	-4.31	3.76	5.72	131	2250	-2.27	-0.38	2.30	80
275	-4.30	3.02	5.25	125	1275	-4.38	3.94	5.89	132	2275	-2.29	-0.13	2.30	87
300	-4.21	3.25	5.32	127	1300	-4.41	4.00	5.95	132	2300	-2.06	0.30	2.08	98
325	-3.78	3.42	5.10	132	1325	-3.96	4.13	5.73	136	2325	-1.71	0.59	1.81	109
350	-3.60	3.62	5.10	135	1350	-3.40	4.23	5.42	141	2350	-1.61	0.64	1.73	112
375	-3.91	3.95	5.56	135	1375	-2.98	4.30	5.23	145	2375	-1.49	0.73	1.66	116
400	-3.87	4.00	5.56	136	1400	-2.71	4.53	5.28	149	2400	-1.36	0.79	1.58	120
425	-3.78	3.94	5.46	136	1425	-2.48	4.64	5.26	152	2425	-1.33	0.84	1.57	122
450	-3.76	4.11	5.57	137	1450	-2.29	4.44	4.99	153	2450	-1.24	0.95	1.56	127
475	-3.70	4.25	5.63	139	1475	-2.40	4.04	4.70	149	2475	-1.14	0.93	1.47	129
500	-3.59	4.48	5.74	141	1500	-2.40	3.72	4.42	147	2500	-1.06	0.86	1.36	129
525	-3.45	4.79	5.90	144	1525	-2.20	3.39	4.04	147	2525	-0.78	0.98	1.25	141
550	-3.42	4.93	6.00	145	1550	-2.18	3.00	3.70	144	2550	-0.31	1.21	1.25	166
575	-3.66	5.13	6.31	144	1575	-2.10	2.45	3.23	139	2575	0.17	1.34	1.35	187
600	-3.84	5.27	6.52	144	1600	-1.75	2.02	2.67	139	2600	0.44	1.38	1.45	198
625	-3.96	5.27	6.59	143	1625	-1.52	1.84	2.39	140	2625	0.56	1.33	1.44	202
650	-4.16	5.12	6.60	141	1650	-1.41	1.73	2.23	141	2650	0.54	1.29	1.39	202
675	-4.16	4.72	6.29	138	1675	-1.29	1.48	1.96	139	2675	0.45	1.26	1.34	200
700	-3.86	4.58	5.99	140	1700	-1.21	0.99	1.56	129	2700	0.55	1.17	1.29	205
725	-3.34	4.74	5.80	145	1725	-1.12	0.65	1.29	120	2725	0.63	1.04	1.22	211
750	-3.16	4.80	5.75	146	1750	-1.25	0.59	1.38	115	2750	0.70	1.04	1.25	214
775	-3.25	4.71	5.73	145	1775	-1.44	0.58	1.56	112	2775	0.92	1.16	1.48	218
800	-3.19	4.50	5.52	144	1800	-1.47	0.34	1.51	103	2800	1.06	1.24	1.63	220
825	-3.30	4.26	5.39	142	1825	-1.41	-0.02	1.41	89	2825	1.15	1.49	1.88	217
850	-3.46	4.09	5.35	140	1850	-1.43	-0.20	1.44	82	2850	1.32	1.85	2.28	215
875	-3.60	3.94	5.33	137	1875	-1.58	-0.32	1.61	78	2875	1.32	2.37	2.72	209
900	-3.70	4.00	5.45	137	1900	-1.83	-0.57	1.91	72	2900	1.11	3.05	3.24	200
925	-3.74	4.17	5.60	138	1925	-1.89	-0.74	2.03	68	2925	1.08	3.67	3.83	196
950	-3.91	4.10	5.66	136	1950	-1.76	-0.90	1.98	63	2950	1.24	3.91	4.10	197
975	-4.21	4.06	5.84	134	1975	-1.73	-1.11	2.06	57	2975	1.31	3.95	4.16	198
1000	-4.43	4.13	6.05	133	2000	-1.68	-1.16	2.04	55	3000	1.24	3.99	4.18	197
1025	-4.58	4.11	6.16	132	2025	-1.65	-1.29	2.10	52	3025	1.20	4.03	4.20	196
1050	-4.82	4.14	6.35	130	2050	-1.73	-1.46	2.26	50	3050	1.25	4.19	4.38	196
1075	-4.94	4.13	6.44	130	2075	-1.75	-1.35	2.21	52	3075	1.24	4.60	4.76	195
1100	-4.89	3.95	6.29	129	2100	-1.72	-1.22	2.11	54	3100	1.33	4.93	5.11	195
1125	-4.61	3.70	5.90	129	2125	-1.82	-1.09	2.12	59	3125	1.38	4.83	5.03	196
1150	-4.38	3.41	5.55	128	2150	-1.87	-0.92	2.08	64	3150	1.30	4.70	4.87	195
1175	-4.31	3.36	5.47	128	2175	-1.89	-0.86	2.07	65	3175	1.38	4.66	4.86	196

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2501 04/21/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3200	1.34	4.55	4.74	196	4200	3.33	4.12	5.29	219	5200	5.37	6.07	8.10	221
3225	1.14	4.53	4.67	194	4225	3.44	4.05	5.32	220	5225	5.14	5.77	7.72	222
3250	1.13	4.56	4.69	194	4250	3.50	4.01	5.32	221	5250	5.04	5.72	7.62	221
3275	0.99	4.51	4.62	192	4275	3.59	4.08	5.44	221	5275	5.09	5.95	7.83	220
3300	0.72	4.69	4.74	189	4300	3.69	4.28	5.65	221	5300	4.89	5.72	7.52	220
3325	0.43	5.12	5.14	185	4325	3.71	4.44	5.78	220	5325	4.75	5.47	7.24	221
3350	0.20	5.33	5.34	182	4350	3.71	4.75	6.03	218	5350	4.67	5.48	7.20	220
3375	-0.06	5.32	5.32	179	4375	3.78	5.00	6.27	217	5375	4.51	5.58	7.17	219
3400	-0.18	5.14	5.14	178	4400	3.71	4.92	6.16	217	5400	4.42	5.74	7.24	217
3425	-0.11	4.91	4.91	178	4425	3.70	5.07	6.27	216	5425	4.36	5.92	7.35	216
3450	-0.21	4.79	4.79	177	4450	3.84	5.46	6.67	215	5450	4.24	5.98	7.33	215
3475	-0.36	4.86	4.87	176	4475	3.97	5.60	6.86	215	5475	4.01	5.93	7.16	214
3500	-0.25	4.92	4.93	177	4500	3.96	5.49	6.77	216	5500	3.78	5.92	7.02	212
3525	-0.18	4.78	4.78	178	4525	3.85	5.57	6.77	214	5525	3.82	6.23	7.30	211
3550	-0.22	4.73	4.73	177	4550	3.78	5.81	6.93	213	5550	4.23	6.67	7.90	212
3575	-0.07	4.79	4.79	179	4575	3.89	6.27	7.38	212	5575	4.55	6.95	8.31	213
3600	0.21	4.83	4.83	182	4600	4.05	6.61	7.75	211	5600	4.48	7.14	8.44	212
3625	0.28	4.98	4.99	183	4625	4.11	6.74	7.89	211	5625	4.22	7.35	8.48	210
3650	0.14	5.26	5.26	181	4650	4.39	6.71	8.01	213	5650	4.20	7.60	8.68	209
3675	-0.14	5.41	5.41	178	4675	4.62	6.63	8.08	215	5675	4.58	7.76	9.01	210
3700	-0.42	5.31	5.33	175	4700	4.67	6.76	8.22	214	5700	4.81	7.69	9.07	212
3725	-0.29	5.21	5.22	177	4725	4.69	6.97	8.40	214	5725	4.77	7.40	8.80	213
3750	0.06	4.96	4.96	181	4750	4.63	7.03	8.42	213	5750	4.75	6.81	8.30	215
3775	0.21	4.84	4.84	182	4775	4.63	6.92	8.32	214	5775	4.72	6.13	7.74	217
3800	0.49	4.90	4.92	185	4800	4.66	6.80	8.24	214	5800	4.84	5.41	7.26	222
3825	1.00	4.83	4.94	191	4825	4.71	6.90	8.35	214	5825	5.15	4.66	6.95	228
3850	1.26	4.65	4.82	195	4850	4.78	7.15	8.61	214	5850	5.46	3.87	6.69	234
3875	1.17	4.52	4.67	194	4875	4.80	7.16	8.62	214	5875	5.75	3.37	6.67	239
3900	1.32	4.45	4.64	196	4900	4.70	7.06	8.48	213	5900	6.19	3.05	6.90	244
3925	1.59	4.34	4.62	200	4925	4.59	6.97	8.35	213	5925	6.80	2.67	7.30	248
3950	1.61	4.42	4.70	200	4950	4.57	6.83	8.22	214	5950	7.39	2.42	7.78	252
3975	1.59	4.54	4.81	199	4975	4.66	6.72	8.18	215	5975	7.71	2.37	8.07	253
4000	1.69	4.20	4.53	202	5000	4.76	6.42	7.99	216	6000	7.90	2.53	8.29	252
4025	1.76	3.61	4.01	206	5025	4.83	6.20	7.86	218	6025	8.10	2.78	8.56	251
4050	1.82	3.28	3.75	209	5050	4.85	6.37	8.00	217	6050	8.23	2.95	8.74	250
4075	2.00	3.07	3.66	213	5075	4.95	6.48	8.15	217	6075	8.37	3.19	8.95	249
4100	2.19	3.15	3.84	215	5100	5.15	6.42	8.24	219	6100	8.58	3.50	9.27	248
4125	2.34	3.37	4.10	215	5125	5.25	6.34	8.23	219	6125	8.97	3.73	9.72	247
4150	2.52	3.56	4.36	215	5150	5.23	6.27	8.17	220	6150	9.33	3.84	10.09	247
4175	2.94	3.95	4.92	216	5175	5.33	6.18	8.16	221	6175	9.52	3.77	10.24	248

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-88(con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2501 04/21/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6200	9.82	3.58	10.45	250	7200	7.54	5.60	9.39	233	8200	11.51	4.64	12.41	248
6225	10.37	3.50	10.94	251	7225	7.44	5.31	9.14	234	8225	11.15	4.57	12.05	248
6250	10.73	3.65	11.34	251	7250	7.27	4.94	8.79	236	8250	10.89	4.76	11.88	246
6275	10.68	3.91	11.37	250	7275	7.08	4.70	8.49	236	8275	10.75	5.23	11.95	244
6300	10.52	4.12	11.30	248	7300	6.84	4.64	8.27	236	8300	10.78	5.76	12.22	242
6325	10.42	4.18	11.23	248	7325	6.55	4.68	8.05	234	8325	10.96	6.29	12.63	240
6350	10.23	4.08	11.02	248	7350	6.46	5.06	8.21	232	8350	11.04	6.43	12.77	240
6375	10.05	3.97	10.81	248	7375	6.63	5.61	8.69	230	8375	11.09	6.07	12.64	241
6400	10.06	3.83	10.77	249	7400	6.82	5.98	9.07	229	8400	11.14	5.97	12.64	242
6425	10.25	3.77	10.92	250	7425	7.00	6.12	9.29	229	8425	11.01	6.01	12.54	241
6450	10.65	3.66	11.26	251	7450	7.04	6.22	9.40	228	8450	10.89	6.19	12.52	240
6475	11.07	3.54	11.62	252	7475	7.01	6.38	9.48	228	8475	11.01	6.86	12.97	238
6500	11.37	3.46	11.89	253	7500	6.89	6.42	9.41	227	8500	11.06	7.51	13.37	236
6525	11.54	3.35	12.02	254	7525	6.63	6.42	9.23	226	8525	11.04	7.83	13.53	234
6550	11.64	3.23	12.08	254	7550	6.44	6.20	8.94	226	8550	10.75	7.84	13.30	234
6575	11.93	3.15	12.34	255	7575	6.41	5.93	8.73	227	8575	10.28	7.91	12.97	232
6600	12.34	3.25	12.76	255	7600	6.51	5.82	8.73	228	8600	10.36	7.89	13.03	233
6625	12.60	3.33	13.04	255	7625	6.70	5.75	8.83	229	8625	10.70	7.84	13.26	234
6650	12.93	3.32	13.35	255	7650	7.06	5.62	9.02	231	8650	10.77	8.33	13.62	232
6675	13.15	3.33	13.56	256	7675	7.52	5.47	9.30	234	8675	10.64	8.72	13.76	230
6700	13.07	3.39	13.50	255	7700	8.09	5.46	9.76	236	8700	10.52	8.69	13.64	230
6725	12.87	3.58	13.36	254	7725	8.78	5.50	10.35	238	8725	10.57	8.87	13.80	230
6750	12.78	3.80	13.33	253	7750	9.19	5.51	10.71	239	8750	10.25	9.48	13.96	227
6775	12.62	3.86	13.20	253	7775	9.53	5.39	10.94	240	8775	10.08	10.14	14.30	225
6800	12.30	3.86	12.89	252	7800	9.92	5.20	11.20	242	8800	10.04	10.44	14.48	224
6825	12.04	3.78	12.62	252	7825	10.24	5.30	11.53	242	8825	10.06	10.64	14.64	223
6850	11.76	3.86	12.37	252	7850	10.66	5.32	11.91	243	8850	10.23	11.27	15.22	222
6875	11.24	3.98	11.92	250	7875	11.06	5.04	12.16	245	8875	10.41	11.66	15.63	222
6900	10.90	3.78	11.54	251	7900	11.33	4.85	12.33	247	8900	10.53	11.79	15.81	222
6925	10.69	3.49	11.25	252	7925	11.26	4.63	12.17	247	8925	10.82	12.11	16.24	222
6950	10.32	3.45	10.88	251	7950	11.35	4.30	12.13	249	8950	11.88	12.45	17.21	223
6975	9.89	3.69	10.55	249	7975	11.57	4.03	12.25	251	8975	12.62	12.47	17.74	225
7000	9.53	3.91	10.31	248	8000	11.65	3.86	12.27	251	9000	13.06	12.44	18.04	226
7025	9.29	4.26	10.22	245	8025	11.62	3.66	12.19	252	9025	13.43	12.45	18.32	227
7050	9.05	4.62	10.16	243	8050	11.57	3.45	12.08	253	9050	13.81	12.50	18.61	228
7075	9.02	5.02	10.32	241	8075	11.61	3.69	12.18	252	9075	13.59	12.24	18.29	228
7100	8.87	5.52	10.44	238	8100	11.53	4.32	12.31	249	9100	13.89	12.09	18.42	229
7125	8.34	5.84	10.18	235	8125	11.56	4.63	12.45	248	9125	14.43	11.93	18.72	230
7150	7.83	5.93	9.82	233	8150	11.54	4.74	12.47	247	9150	14.96	11.86	19.09	231
7175	7.57	5.85	9.57	232	8175	11.56	4.79	12.51	247	9175	15.33	11.38	19.09	233

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2501 04/21/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9200	15.66	10.99	19.13	235	10200	18.02	2.54	18.20	262	11200	24.11	1.54	24.16	266
9225	15.72	10.96	19.16	235	10225	17.60	2.24	17.74	263	11225	24.51	1.21	24.54	267
9250	15.54	10.77	18.91	235	10250	17.41	2.08	17.53	263	11250	24.70	1.05	24.73	267
9275	15.68	10.52	18.88	236	10275	17.35	2.21	17.49	263	11275	24.45	0.62	24.46	268
9300	15.84	10.57	19.04	236	10300	16.98	2.26	17.13	262	11300	24.55	0.33	24.55	269
9325	15.95	10.52	19.11	236	10325	16.61	1.97	16.73	263	11325	25.03	0.70	25.04	268
9350	16.27	10.34	19.28	237	10350	16.28	1.64	16.36	264	11350	25.18	0.93	25.19	268
9375	16.28	10.19	19.21	238	10375	16.09	1.83	16.19	263	11375	25.31	0.95	25.33	268
9400	15.98	9.94	18.82	238	10400	15.90	2.15	16.04	262	11400	25.59	0.82	25.60	268
9425	15.71	9.69	18.46	238	10425	15.63	2.18	15.78	262	11425	26.26	0.81	26.27	268
9450	15.40	9.52	18.11	238	10450	15.48	2.09	15.62	262	11450	26.60	1.08	26.62	267
9475	15.20	9.37	17.85	238	10475	15.27	2.11	15.41	262	11475	26.85	0.95	26.86	268
9500	15.18	9.17	17.73	239	10500	15.08	2.16	15.23	262	11500	27.63	0.67	27.64	268
9525	15.30	8.96	17.73	239	10525	14.86	2.14	15.02	262	11525	28.32	0.82	28.33	268
9550	15.46	8.75	17.76	240	10550	14.71	2.43	14.91	260	11550	28.87	0.94	28.88	268
9575	15.45	8.39	17.58	241	10575	14.83	2.84	15.10	259	11575	29.53	0.79	29.54	268
9600	15.57	8.12	17.56	242	10600	14.92	3.08	15.24	258	11600	30.49	0.57	30.49	269
9625	15.83	8.00	17.74	243	10625	15.10	3.43	15.49	257	11625	31.41	0.41	31.41	269
9650	15.85	7.65	17.59	244	10650	15.19	3.83	15.67	256	11650	31.99	0.53	31.99	269
9675	15.89	7.03	17.37	246	10675	15.13	4.03	15.66	255	11675	32.51	0.48	32.51	269
9700	16.20	6.54	17.47	248	10700	15.51	4.33	16.10	254	11700	33.26	0.30	33.26	269
9725	16.34	6.30	17.51	249	10725	15.98	4.86	16.71	253	11725	33.60	0.27	33.60	269
9750	16.74	6.04	17.80	250	10750	16.37	5.23	17.19	252	11750	33.69	0.31	33.69	269
9775	17.19	6.01	18.21	251	10775	16.98	5.30	17.79	252	11775	33.82	0.50	33.82	269
9800	17.57	5.88	18.52	251	10800	17.57	5.04	18.28	254	11800	33.85	0.90	33.86	268
9825	18.06	5.45	18.86	253	10825	17.99	4.84	18.63	255	11825	34.28	1.32	34.31	268
9850	18.31	5.28	19.06	254	10850	18.51	4.60	19.07	256	11850	34.67	1.75	34.72	267
9875	18.42	5.28	19.16	254	10875	19.12	4.07	19.55	258	11875	34.90	2.25	34.97	266
9900	18.41	5.01	19.08	255	10900	19.82	3.44	20.12	260	11900	34.97	2.72	35.08	265
9925	18.27	4.76	18.88	255	10925	20.64	2.85	20.83	262	11925	34.98	3.53	35.15	264
9950	18.07	4.52	18.63	256	10950	21.05	2.70	21.22	263	11950	35.36	4.08	35.59	263
9975	18.24	4.24	18.73	257	10975	21.18	2.77	21.36	262	11975	35.80	4.20	36.05	263
10000	18.54	3.89	18.95	258	11000	21.32	2.63	21.48	263	12000	36.02	3.72	36.21	264
10025	18.69	3.65	19.04	259	11025	21.34	2.75	21.52	262	12025	36.15	3.25	36.30	265
10050	18.73	3.64	19.08	259	11050	21.39	2.69	21.55	263	12050	36.13	2.99	36.26	265
10075	18.64	3.30	18.93	260	11075	21.71	2.31	21.83	264	12075	36.16	2.85	36.28	265
10100	18.53	3.08	18.79	260	11100	21.93	2.13	22.04	264	12100	36.51	2.80	36.62	265
10125	18.60	3.05	18.85	261	11125	22.05	1.86	22.13	265	12125	36.71	2.29	36.78	266
10150	18.57	2.91	18.79	261	11150	22.95	1.64	23.01	266	12150	36.62	2.06	36.68	267
10175	18.30	2.75	18.51	261	11175	23.81	1.64	23.86	266	12175	36.30	2.49	36.38	266

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-88 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2501 04/21/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12200	35.84	3.C1	35.97	265	13200	39.35	16.17	42.54	247	14200	40.06	12.13	41.85	253
12225	35.22	3.40	35.39	264	13225	39.34	16.21	42.55	247	14225	40.03	12.05	41.81	253
12250	34.59	3.98	34.82	263	13250	39.32	15.97	42.44	248	14250	39.82	11.97	41.56	253
12275	34.72	4.21	34.98	263	13275	39.61	15.65	42.59	248	14275	40.09	11.86	41.81	253
12300	35.30	4.21	35.55	263	13300	39.97	15.55	42.89	249	14300	40.63	11.17	42.14	254
12325	35.14	4.75	35.46	262	13325	40.29	15.21	43.07	249	14325	40.91	10.72	42.29	255
12350	34.29	5.44	34.72	261	13350	40.55	14.65	43.12	250	14350	41.07	10.70	42.44	255
12375	33.92	5.79	34.41	260	13375	40.76	14.53	43.27	250	14375	40.73	11.19	42.24	254
12400	34.14	6.13	34.68	260	13400	40.97	14.50	43.46	250	14400	40.39	11.23	41.92	254
12425	34.66	6.88	35.34	259	13425	40.92	14.44	43.39	250	14425	40.47	10.38	41.78	255
12450	34.98	7.34	35.74	258	13450	40.90	14.18	43.29	251	14450	40.33	9.38	41.41	257
12475	35.00	7.73	35.84	257	13475	40.98	14.34	43.41	251	14475	39.86	8.54	40.77	258
12500	35.43	7.87	36.29	257	13500	41.20	14.28	43.60	251	14500	39.30	8.13	40.14	258
12525	35.80	8.48	36.79	256	13525	41.35	14.20	43.72	251	14525	39.04	8.13	39.88	258
12550	36.13	9.42	37.34	255	13550	40.94	14.66	43.49	250	14550	38.78	8.26	39.65	258
12575	36.86	10.30	38.27	254	13575	40.63	14.73	43.22	250	14575	38.89	8.49	39.81	258
12600	37.44	11.39	39.14	253	13600	41.05	14.21	43.44	251	14600	39.18	8.49	40.09	258
12625	37.49	12.22	39.43	252	13625	41.14	14.07	43.48	251	14625	38.74	8.52	39.67	257
12650	37.47	12.51	39.50	251	13650	40.86	14.52	43.37	250	14650	38.82	8.58	39.76	257
12675	37.68	12.71	39.77	251	13675	40.80	14.79	43.40	250	14675	38.98	8.91	39.99	257
12700	37.50	13.28	39.78	250	13700	40.79	14.51	43.30	250	14700	38.74	9.79	39.95	256
12725	36.96	14.01	39.53	249	13725	40.99	14.18	43.38	251	14725	38.98	9.97	40.23	255
12750	36.86	14.07	39.46	249	13750	40.90	14.46	43.38	250	14750	38.96	10.39	40.33	255
12775	37.03	13.94	39.57	249	13775	40.77	14.47	43.26	250	14775	38.85	10.94	40.36	254
12800	37.23	14.24	39.87	249	13800	41.08	14.12	43.44	251	14800	38.63	11.23	40.23	254
12825	37.44	14.38	40.11	249	13825	41.07	14.30	43.49	251	14825	38.18	11.93	40.00	252
12850	37.37	14.53	40.09	249	13850	41.10	14.15	43.46	251	14850	37.87	12.76	39.97	251
12875	37.26	15.15	40.22	248	13875	41.19	13.38	43.31	252	14875	37.68	13.52	40.03	250
12900	37.43	15.61	40.56	247	13900	41.32	12.81	43.26	253	14900	38.74	13.33	40.97	251
12925	37.57	15.68	40.71	247	13925	41.13	12.84	43.09	252	14925	39.48	13.88	41.85	250
12950	37.88	15.84	41.06	247	13950	40.77	12.56	42.66	253	14950	39.88	14.49	42.43	250
12975	37.97	15.92	41.17	247	13975	40.55	11.94	42.27	253	14975	40.89	14.20	43.29	251
13000	37.86	15.98	41.09	247	14000	40.42	11.94	42.15	253	15000	41.43	14.31	43.83	251
13025	38.15	16.13	41.41	247	14025	40.42	12.06	42.18	253	15025	41.91	13.90	44.15	251
13050	38.33	16.16	41.60	247	14050	40.52	11.93	42.24	253	15050	42.37	13.59	44.50	252
13075	38.66	16.41	42.00	247	14075	40.65	11.57	42.27	254	15075	42.65	13.61	44.77	252
13100	39.09	16.43	42.40	247	14100	40.54	11.67	42.18	254	15100	42.35	13.37	44.41	252
13125	39.20	16.24	42.43	247	14125	40.47	12.03	42.22	253	15125	41.18	13.82	43.44	251
13150	39.25	16.22	42.47	247	14150	40.36	11.69	42.02	254	15150	40.12	14.46	42.65	250
13175	39.31	16.07	42.47	248	14175	40.14	11.60	41.78	254	15175	39.41	14.33	41.93	250

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2501 04/21/65, 0000Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15200	38.69	14.57	41.34	249	16200	19.93	-0.04	19.93	270	17200	14.29	3.49	14.71	256
15225	38.30	15.08	41.16	248	16225	19.99	0.12	19.99	269	17225	14.47	3.79	14.96	255
15250	38.39	14.85	41.17	249	16250	20.28	0.44	20.29	269	17250	14.40	4.00	14.94	254
15275	38.44	14.52	41.09	249	16275	20.43	-0.07	20.43	270	17275	14.16	5.13	15.06	250
15300	38.36	13.13	40.54	251	16300	20.51	-0.04	20.51	270	17300	14.22	5.37	15.20	249
15325	37.52	12.28	39.48	252	16325	20.71	0.08	20.71	270	17325	14.27	5.21	15.19	250
15350	36.83	11.18	38.48	253	16350	21.08	-0.09	21.08	270	17350	14.46	4.29	15.08	253
15375	36.49	9.66	37.75	255	16375	21.83	-0.09	21.83	270					
15400	35.85	9.22	37.02	255	16400	21.98	0.07	21.98	270					
15425	35.31	8.41	36.30	256	16425	21.13	0.45	21.14	269					
15450	34.71	7.71	35.56	257	16450	21.17	0.31	21.17	269					
15475	33.96	6.46	34.57	259	16475	20.79	0.67	20.80	268					
15500	33.34	4.84	33.69	262	16500	20.49	0.97	20.51	267					
15525	32.21	4.73	32.55	261	16525	20.53	1.13	20.56	267					
15550	30.81	5.37	31.28	260	16550	20.57	1.08	20.60	267					
15575	29.56	5.04	29.99	260	16575	20.12	1.54	20.18	265					
15600	27.91	3.66	28.15	262	16600	19.69	1.25	19.73	266					
15625	26.83	3.15	27.02	263	16625	18.68	2.27	18.81	263					
15650	25.46	3.11	25.64	263	16650	17.92	3.23	18.21	260					
15675	24.50	2.97	24.68	263	16675	17.02	3.46	17.37	258					
15700	24.09	2.45	24.21	264	16700	15.90	4.09	16.42	255					
15725	23.79	2.26	23.90	264	16725	14.63	4.75	15.38	252					
15750	23.21	2.83	23.38	263	16750	14.35	6.23	15.64	246					
15775	22.69	3.04	22.89	262	16775	14.42	7.13	16.09	243					
15800	22.78	2.17	22.88	264	16800	14.55	6.77	16.05	245					
15825	22.49	1.13	22.52	267	16825	15.24	6.54	16.58	247					
15850	21.37	2.25	21.49	264	16850	16.08	6.97	17.53	246					
15875	20.64	2.22	20.76	264	16875	16.71	7.05	18.13	247					
15900	20.56	0.82	20.58	268	16900	17.14	6.42	18.31	249					
15925	19.91	1.09	19.94	267	16925	18.61	5.47	19.40	253					
15950	19.79	1.43	19.84	266	16950	18.73	4.12	19.18	257					
15975	19.53	1.07	19.56	267	16975	17.49	2.65	17.69	261					
16000	19.02	0.95	19.05	267	17000	16.52	2.99	16.79	260					
16025	18.65	0.97	18.67	267	17025	15.68	3.23	16.00	258					
16050	18.40	0.99	18.43	267	17050	14.64	3.49	15.05	256					
16075	18.49	0.81	18.50	267	17075	14.05	3.59	14.50	255					
16100	18.94	0.41	18.95	269	17100	14.24	3.92	14.77	254					
16125	19.72	0.01	19.72	270	17125	14.30	3.99	14.85	254					
16150	19.78	0.14	19.78	269	17150	14.66	3.57	15.09	256					
16175	19.72	-0.02	19.72	270	17175	14.77	3.23	15.12	257					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2505 04/21/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	-1.43	10.91	11.01	172	1175	2.77	-3.58	4.53	322	2175	1.33	0.59	1.45	246
200	-1.17	9.72	9.79	173	1200	2.72	-3.43	4.38	321	2200	1.29	0.57	1.40	246
225	-0.69	8.90	8.93	175	1225	2.70	-3.34	4.29	321	2225	1.28	0.71	1.46	241
250	-0.30	7.93	7.93	178	1250	2.89	-3.14	4.26	317	2250	1.22	0.72	1.41	239
275	0.07	6.95	6.95	180	1275	3.12	-2.93	4.28	313	2275	1.22	0.65	1.38	242
300	0.46	6.13	6.15	184	1300	3.01	-2.85	4.14	313	2300	1.32	0.81	1.55	238
325	0.71	5.26	5.31	187	1325	2.76	-2.62	3.81	313	2325	1.42	0.95	1.71	236
350	1.02	4.51	4.63	193	1350	2.68	-2.45	3.63	312	2350	1.48	1.03	1.80	235
375	1.38	3.96	4.19	199	1375	2.50	-2.38	3.45	313	2375	1.48	1.09	1.83	234
400	1.64	3.67	4.02	204	1400	2.25	-2.30	3.21	315	2400	1.55	1.17	1.94	233
425	1.98	3.00	3.59	213	1425	2.20	-2.18	3.09	315	2425	1.65	1.34	2.12	231
450	2.22	2.57	3.40	221	1450	2.20	-2.01	2.98	312	2450	1.68	1.51	2.26	228
475	2.44	2.41	3.43	225	1475	2.17	-1.95	2.92	312	2475	1.63	1.48	2.20	228
500	2.57	2.00	3.25	232	1500	2.13	-1.81	2.80	310	2500	1.85	1.27	2.25	235
525	3.00	1.79	3.50	239	1525	2.19	-1.62	2.73	306	2525	2.15	1.18	2.46	241
550	3.50	1.66	3.87	244	1550	2.18	-1.70	2.77	308	2550	2.22	1.01	2.44	245
575	3.83	1.38	4.07	250	1575	2.08	-1.71	2.69	309	2575	2.55	1.09	2.77	247
600	4.07	0.98	4.19	256	1600	2.08	-1.52	2.57	306	2600	2.99	1.24	3.23	247
625	4.04	0.46	4.06	263	1625	2.16	-1.47	2.62	304	2625	3.40	1.14	3.59	251
650	3.68	0.09	3.68	268	1650	2.18	-1.46	2.62	304	2650	3.92	1.58	4.23	248
675	3.34	-0.01	3.34	270	1675	2.19	-1.38	2.59	302	2675	4.54	2.35	5.11	242
700	3.24	-0.13	3.24	272	1700	2.18	-1.23	2.50	299	2700	4.95	2.79	5.68	240
725	3.21	-0.38	3.24	277	1725	2.08	-0.95	2.29	294	2725	5.03	2.99	5.85	239
750	3.29	-0.80	3.39	284	1750	2.10	-0.79	2.25	290	2750	4.88	3.14	5.80	237
775	3.25	-1.21	3.47	290	1775	2.12	-0.84	2.28	291	2775	4.66	3.50	5.83	233
800	3.50	-1.73	3.91	296	1800	2.09	-0.86	2.27	292	2800	4.70	3.87	6.08	230
825	3.71	-2.23	4.33	301	1825	2.02	-0.82	2.17	292	2825	4.89	3.74	6.15	232
850	3.55	-2.31	4.23	303	1850	1.96	-0.75	2.10	291	2850	5.07	3.82	6.34	233
875	3.47	-2.45	4.25	305	1875	2.02	-0.56	2.10	285	2875	5.48	4.18	6.89	232
900	3.51	-2.89	4.55	309	1900	2.00	-0.25	2.01	277	2900	6.29	4.19	7.55	236
925	3.60	-3.11	4.76	311	1925	1.93	0.01	1.93	270	2925	6.68	4.03	7.80	239
950	3.53	-3.10	4.69	311	1950	2.14	0.07	2.14	268	2950	6.37	3.91	7.47	238
975	3.27	-3.06	4.48	313	1975	2.38	0.03	2.38	269	2975	5.92	3.48	6.87	239
1000	3.23	-3.04	4.44	313	2000	2.49	0.11	2.49	267	3000	5.37	3.22	6.26	239
1025	3.03	-3.10	4.33	315	2025	2.76	0.34	2.78	263	3025	5.16	3.36	6.16	237
1050	2.71	-3.12	4.13	319	2050	2.88	0.46	2.92	261	3050	4.83	3.34	5.87	235
1075	2.69	-3.33	4.28	321	2075	2.75	0.53	2.80	259	3075	4.59	3.05	5.51	236
1100	2.69	-3.58	4.48	323	2100	2.61	0.72	2.71	254	3100	4.83	2.73	5.55	240
1125	2.69	-3.67	4.55	324	2125	2.20	0.71	2.32	252	3125	4.79	3.02	5.67	238
1150	2.74	-3.70	4.60	323	2150	1.69	0.63	1.80	249	3150	4.35	3.76	5.75	229

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2505 04/21/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	4.01	4.19	5.80	224	4175	5.09	8.28	9.72	211	5175	11.50	4.90	12.50	247
3200	4.12	4.35	5.99	223	4200	5.60	8.36	10.06	214	5200	11.61	4.86	12.59	247
3225	4.18	4.60	6.21	222	4225	5.84	8.37	10.21	215	5225	11.51	4.92	12.51	247
3250	4.05	4.56	6.10	221	4250	5.54	8.30	9.98	214	5250	11.49	4.98	12.52	246
3275	4.16	4.41	6.06	223	4275	5.38	8.24	9.84	213	5275	11.67	5.03	12.71	246
3300	4.23	4.47	6.15	223	4300	5.68	8.22	9.99	214	5300	11.82	5.05	12.86	247
3325	4.17	4.63	6.23	222	4325	6.08	8.52	10.47	215	5325	11.76	5.02	12.79	247
3350	4.17	5.40	6.82	217	4350	6.76	8.74	11.05	218	5350	11.56	4.92	12.56	247
3375	4.34	6.23	7.59	215	4375	7.76	8.63	11.61	222	5375	11.61	5.18	12.72	246
3400	4.34	6.38	7.71	214	4400	8.11	8.38	11.66	224	5400	11.70	5.38	12.88	245
3425	3.92	6.38	7.49	211	4425	8.13	8.19	11.54	225	5425	11.70	5.33	12.85	245
3450	3.86	6.42	7.49	211	4450	8.18	7.95	11.41	226	5450	11.71	5.32	12.86	245
3475	3.86	6.13	7.24	212	4475	8.40	7.70	11.40	227	5475	11.69	5.39	12.87	245
3500	3.50	6.01	6.96	210	4500	8.85	7.67	11.71	229	5500	11.69	5.52	12.93	245
3525	3.37	6.02	6.90	209	4525	9.08	7.93	12.06	229	5525	11.78	5.52	13.01	245
3550	3.40	5.83	6.75	210	4550	9.24	8.13	12.30	228	5550	11.93	5.52	13.14	245
3575	3.23	5.92	6.74	208	4575	9.39	7.80	12.21	230	5575	12.03	5.65	13.29	245
3600	3.13	6.18	6.93	207	4600	9.45	7.42	12.02	232	5600	12.00	5.70	13.28	244
3625	3.00	6.26	6.94	205	4625	9.54	7.19	11.95	233	5625	11.90	5.71	13.19	244
3650	2.93	6.18	6.84	205	4650	9.65	7.05	11.95	234	5650	11.73	5.70	13.04	244
3675	3.25	5.87	6.71	209	4675	9.96	6.81	12.06	235	5675	11.64	5.47	12.86	245
3700	3.30	5.49	6.40	211	4700	10.30	6.45	12.16	238	5700	11.61	5.14	12.70	246
3725	3.40	5.61	6.56	211	4725	10.43	6.22	12.15	239	5725	11.52	4.80	12.48	247
3750	3.78	5.88	6.99	213	4750	10.53	5.91	12.08	241	5750	11.59	4.57	12.46	248
3775	3.98	6.30	7.45	212	4775	10.74	5.71	12.16	242	5775	11.75	4.33	12.53	250
3800	4.57	6.81	8.21	214	4800	11.00	5.59	12.34	243	5800	11.80	3.92	12.44	251
3825	5.24	7.03	8.77	217	4825	11.32	5.74	12.69	243	5825	11.49	3.64	12.05	252
3850	5.49	7.13	9.00	217	4850	11.70	6.06	13.17	242	5850	11.18	3.60	11.74	252
3875	5.58	7.36	9.23	217	4875	11.67	6.14	13.19	242	5875	11.15	3.54	11.69	252
3900	5.52	7.45	9.28	216	4900	11.42	6.10	12.95	242	5900	11.01	3.04	11.42	254
3925	5.28	7.27	8.99	216	4925	11.17	6.17	12.76	241	5925	10.88	2.77	11.23	256
3950	5.16	7.50	9.10	214	4950	11.12	6.21	12.74	241	5950	11.05	2.81	11.40	256
3975	5.27	7.75	9.37	214	4975	11.22	5.98	12.71	242	5975	11.10	2.68	11.41	256
4000	5.34	7.80	9.45	214	5000	11.18	5.90	12.64	242	6000	11.08	2.59	11.38	257
4025	5.18	8.00	9.53	213	5025	11.02	5.76	12.43	242	6025	11.14	2.52	11.42	257
4050	5.10	8.35	9.79	211	5050	10.93	5.51	12.24	243	6050	10.95	2.34	11.20	258
4075	5.00	8.51	9.88	210	5075	11.01	5.35	12.24	244	6075	10.73	2.09	10.94	259
4100	4.73	8.45	9.69	209	5100	11.12	5.05	12.22	245	6100	10.63	1.98	10.81	259
4125	4.60	8.51	9.68	208	5125	11.20	4.95	12.24	246	6125	10.52	1.58	10.64	261
4150	4.78	8.43	9.69	209	5150	11.31	5.02	12.37	246	6150	10.57	1.12	10.63	264

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-89 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2505 04/21/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	10.49	0.72	10.51	266	7175	11.50	4.16	12.23	250	8175	8.80	2.59	9.17	253
6200	10.01	0.25	10.01	268	7200	11.86	4.10	12.54	251	8200	8.65	3.00	9.16	251
6225	9.73	0.12	9.73	269	7225	11.88	4.17	12.59	250	8225	8.53	3.14	9.09	250
6250	9.71	0.23	9.71	268	7250	11.88	4.32	12.64	250	8250	8.65	3.14	9.20	250
6275	9.67	0.25	9.67	268	7275	12.00	4.69	12.89	248	8275	8.57	3.17	9.14	250
6300	9.74	0.26	9.75	268	7300	12.06	5.02	13.07	247	8300	8.31	3.44	8.99	247
6325	9.82	0.41	9.83	267	7325	12.06	5.16	13.11	247	8325	8.28	3.76	9.09	245
6350	9.82	0.87	9.86	265	7350	12.05	5.52	13.26	245	8350	8.39	4.01	9.30	244
6375	9.96	1.08	10.02	264	7375	12.16	6.04	13.58	243	8375	8.62	4.30	9.63	243
6400	10.23	1.28	10.31	263	7400	12.21	6.57	13.86	242	8400	9.11	4.64	10.23	243
6425	10.38	1.59	10.51	261	7425	12.34	6.75	14.07	241	8425	9.49	5.02	10.74	242
6450	10.40	1.87	10.57	260	7450	12.47	6.80	14.21	241	8450	9.81	5.26	11.13	242
6475	10.43	2.18	10.66	258	7475	12.44	6.84	14.20	241	8475	10.14	5.56	11.56	241
6500	10.31	2.37	10.58	257	7500	12.66	6.62	14.29	242	8500	10.47	5.76	11.95	241
6525	10.13	2.51	10.43	256	7525	12.93	6.39	14.42	244	8525	10.72	5.95	12.26	241
6550	10.11	2.71	10.47	255	7550	12.82	6.23	14.25	244	8550	10.96	6.33	12.66	240
6575	10.08	2.61	10.41	255	7575	12.70	6.11	14.10	244	8575	11.38	6.86	13.28	239
6600	10.15	2.28	10.40	257	7600	12.55	6.19	13.99	244	8600	11.60	7.16	13.63	238
6625	10.34	2.07	10.55	258	7625	12.47	6.16	13.91	244	8625	11.69	7.44	13.86	237
6650	10.44	2.20	10.67	258	7650	12.52	5.76	13.78	245	8650	12.16	7.92	14.51	237
6675	10.60	2.48	10.88	257	7675	12.75	4.97	13.69	249	8675	12.53	8.26	15.01	236
6700	10.79	2.45	11.06	257	7700	12.89	4.39	13.62	251	8700	12.49	8.37	15.03	236
6725	10.83	2.35	11.08	258	7725	12.74	3.93	13.34	253	8725	12.36	8.30	14.89	236
6750	10.77	2.20	10.99	258	7750	12.79	3.60	13.29	254	8750	12.55	8.41	15.11	236
6775	10.62	2.13	10.83	258	7775	12.86	3.50	13.33	255	8775	12.77	8.65	15.43	236
6800	10.33	2.22	10.57	258	7800	12.71	3.05	13.08	256	8800	12.49	9.04	15.42	234
6825	9.96	2.20	10.20	257	7825	12.48	2.63	12.76	258	8825	12.36	9.41	15.53	233
6850	9.81	2.19	10.05	257	7850	12.31	2.30	12.52	259	8850	12.61	9.48	15.78	233
6875	9.92	2.48	10.22	256	7875	11.95	2.10	12.13	260	8875	12.91	9.59	16.08	233
6900	10.19	2.95	10.61	254	7900	11.59	1.90	11.74	260	8900	13.21	9.75	16.42	233
6925	10.54	3.47	11.10	252	7925	11.33	1.78	11.47	261	8925	13.37	9.75	16.55	234
6950	10.58	3.82	11.25	250	7950	11.17	1.84	11.32	260	8950	13.47	9.66	16.58	234
6975	10.51	4.03	11.25	249	7975	11.11	1.96	11.29	260	8975	13.46	9.78	16.64	234
7000	10.72	4.33	11.56	248	8000	10.90	1.98	11.08	260	9000	13.48	9.80	16.66	234
7025	10.75	4.59	11.69	247	8025	10.65	1.97	10.83	259	9025	13.66	9.31	16.53	236
7050	10.59	4.58	11.54	246	8050	10.23	2.08	10.44	258	9050	13.72	8.80	16.30	237
7075	10.66	4.44	11.55	247	8075	9.61	1.99	9.82	258	9075	13.56	8.74	16.14	237
7100	10.88	4.45	11.76	248	8100	9.06	1.91	9.26	258	9100	13.66	8.76	16.23	237
7125	11.19	4.44	12.04	248	8125	8.82	1.91	9.03	258	9125	13.70	8.74	16.25	237
7150	11.33	4.35	12.13	249	8150	8.73	2.06	8.97	257	9150	13.44	8.77	16.05	237

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2505 04/21/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	13.24	8.85	15.92	236	10175	14.94	3.37	15.32	257	11175	18.75	6.56	19.87	251
9200	13.03	8.93	15.80	235	10200	14.97	3.68	15.42	256	11200	19.91	6.12	20.83	253
9225	13.00	8.88	15.75	235	10225	15.01	3.91	15.51	255	11225	20.63	5.64	21.39	255
9250	12.93	8.86	15.68	235	10250	15.18	4.36	15.79	254	11250	20.72	5.36	21.40	255
9275	12.98	8.89	15.73	235	10275	15.05	4.90	15.83	252	11275	20.89	5.21	21.53	256
9300	12.90	8.66	15.54	236	10300	15.07	5.30	15.98	250	11300	21.03	5.23	21.67	256
9325	12.76	8.39	15.27	236	10325	15.22	5.65	16.24	249	11325	20.94	5.09	21.55	256
9350	12.77	8.09	15.11	237	10350	15.20	6.03	16.35	248	11350	20.75	5.18	21.39	256
9375	12.90	7.60	14.97	239	10375	15.54	6.15	16.71	248	11375	21.03	5.61	21.76	255
9400	13.19	7.18	15.02	241	10400	15.30	6.55	16.64	247	11400	21.35	5.77	22.12	255
9425	13.31	6.75	14.92	243	10425	14.92	7.02	16.49	245	11425	22.15	5.96	22.94	255
9450	13.36	6.72	14.95	243	10450	14.94	7.24	16.61	244	11450	23.01	6.18	23.83	255
9475	13.48	6.69	15.05	243	10475	14.71	7.45	16.49	243	11475	23.32	6.19	24.13	255
9500	13.54	6.12	14.86	246	10500	14.26	7.80	16.25	241	11500	23.80	5.91	24.53	256
9525	13.70	5.80	14.87	247	10525	14.05	7.97	16.15	240	11525	23.82	5.62	24.47	257
9550	13.81	5.63	14.91	248	10550	13.97	7.92	16.06	240	11550	23.76	5.07	24.29	258
9575	13.71	5.06	14.61	250	10575	13.50	8.23	15.81	238	11575	23.74	4.73	24.21	259
9600	13.69	4.84	14.52	250	10600	13.31	8.56	15.83	237	11600	23.98	4.65	24.43	259
9625	13.84	4.65	14.60	251	10625	13.56	8.65	16.09	237	11625	24.37	4.58	24.80	259
9650	13.96	4.51	14.67	252	10650	13.71	8.87	16.33	237	11650	24.70	4.40	25.09	260
9675	14.03	4.70	14.79	251	10675	14.04	8.87	16.61	238	11675	25.27	4.33	25.64	260
9700	14.03	4.70	14.80	251	10700	14.53	8.50	16.83	240	11700	25.89	4.66	26.31	260
9725	13.72	4.74	14.52	251	10725	14.89	8.27	17.03	241	11725	26.03	4.43	26.41	260
9750	13.66	4.56	14.40	251	10750	15.03	8.30	17.17	241	11750	26.02	3.83	26.30	261
9775	13.84	4.41	14.52	252	10775	14.96	8.23	17.08	241	11775	26.30	3.98	26.60	261
9800	13.90	4.41	14.58	252	10800	14.93	8.50	17.18	240	11800	26.80	4.23	27.13	261
9825	13.74	4.46	14.44	252	10825	15.17	8.36	17.33	241	11825	27.10	3.91	27.38	262
9850	13.67	4.24	14.31	253	10850	15.48	7.65	17.27	244	11850	27.13	4.06	27.44	261
9875	14.02	4.23	14.64	253	10875	15.73	7.68	17.51	244	11875	27.31	4.37	27.65	261
9900	14.07	4.19	14.68	253	10900	16.16	7.90	17.99	244	11900	27.61	4.24	27.93	261
9925	13.70	3.91	14.24	254	10925	16.32	7.95	18.15	244	11925	27.71	4.31	28.04	261
9950	13.74	3.94	14.29	254	10950	16.90	7.62	18.54	246	11950	27.61	3.84	27.87	262
9975	14.03	4.08	14.61	254	10975	17.57	7.26	19.02	247	11975	27.96	3.47	28.18	263
10000	14.10	4.25	14.73	253	11000	17.79	6.90	19.08	249	12000	28.23	3.47	28.44	263
10025	13.93	4.18	14.55	253	11025	18.04	6.55	19.19	250	12025	28.54	2.75	28.68	264
10050	13.73	4.00	14.30	254	11050	18.38	6.26	19.41	251	12050	28.83	2.10	28.90	266
10075	13.86	3.83	14.38	254	11075	18.44	6.04	19.41	252	12075	29.15	1.87	29.21	266
10100	14.12	3.71	14.60	255	11100	18.29	6.14	19.30	251	12100	29.32	1.62	29.37	267
10125	14.27	3.53	14.69	256	11125	18.42	6.40	19.50	251	12125	29.83	1.22	29.86	267
10150	14.62	3.19	14.96	258	11150	18.37	6.68	19.54	250	12150	29.96	1.32	29.99	267

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-89 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2505 04/21/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	29.54	1.55	29.58	267	13175	37.50	9.13	38.60	256	14175	39.21	11.70	40.92	253
12200	29.23	1.40	29.26	267	13200	38.06	9.47	39.22	256	14200	39.63	11.94	41.39	253
12225	28.87	1.54	28.91	267	13225	38.64	9.50	39.79	256	14225	39.80	11.90	41.54	253
12250	28.93	1.31	28.96	267	13250	39.06	8.94	40.07	257	14250	40.12	12.35	41.98	253
12275	28.91	0.97	28.92	268	13275	39.42	8.72	40.37	257	14275	40.80	12.45	42.66	253
12300	28.43	1.01	28.44	268	13300	39.53	9.05	40.55	257	14300	41.42	11.63	43.02	254
12325	27.74	1.13	27.77	267	13325	39.81	8.94	40.80	257	14325	41.71	11.95	43.39	254
12350	27.18	1.22	27.20	267	13350	39.81	9.20	40.86	257	14350	42.22	11.86	43.85	254
12375	27.20	1.33	27.23	267	13375	40.25	8.73	41.18	258	14375	42.66	11.98	44.31	254
12400	27.40	1.28	27.43	267	13400	40.35	8.63	41.26	258	14400	42.87	11.95	44.50	254
12425	27.49	1.06	27.51	268	13425	39.99	8.75	40.94	257	14425	43.11	11.57	44.63	255
12450	27.87	1.27	27.90	267	13450	40.25	8.26	41.09	258	14450	42.91	12.19	44.61	254
12475	28.55	1.39	28.58	267	13475	40.37	8.02	41.16	259	14475	42.76	11.86	44.38	254
12500	29.18	1.37	29.21	267	13500	40.12	8.24	40.96	258	14500	42.23	11.44	43.75	255
12525	29.59	1.62	29.63	267	13525	40.19	8.00	40.97	259	14525	41.31	11.56	42.89	254
12550	30.31	1.59	30.35	267	13550	40.12	7.51	40.82	259	14550	40.45	11.59	42.08	254
12575	30.79	1.55	30.83	267	13575	39.74	7.46	40.43	259	14575	39.72	11.75	41.42	253
12600	31.12	1.83	31.17	266	13600	39.16	7.30	39.83	259	14600	39.07	11.60	40.76	253
12625	31.23	2.04	31.30	266	13625	38.34	7.29	39.02	259	14625	38.25	11.85	40.04	253
12650	30.64	2.54	30.74	265	13650	37.88	6.63	38.46	260	14650	37.62	11.64	39.38	253
12675	30.63	2.95	30.77	264	13675	37.92	5.72	38.35	261	14675	36.86	11.15	38.51	253
12700	31.23	3.47	31.42	263	13700	38.49	5.23	38.84	262	14700	35.89	10.65	37.43	253
12725	31.98	4.83	32.34	261	13725	38.78	5.32	39.14	262	14725	35.49	10.21	36.93	254
12750	32.58	5.61	33.06	260	13750	39.19	6.03	39.65	261	14750	35.01	9.45	36.26	255
12775	33.61	6.37	34.20	259	13775	39.50	6.66	40.05	260	14775	34.60	8.99	35.75	255
12800	33.80	7.11	34.54	258	13800	39.73	6.94	40.33	260	14800	34.29	9.37	35.55	255
12825	33.92	7.57	34.76	257	13825	40.16	7.11	40.78	260	14825	34.14	9.43	35.42	254
12850	34.82	7.60	35.64	258	13850	40.12	7.97	40.90	259	14850	33.97	9.43	35.25	254
12875	35.45	7.56	36.25	258	13875	39.93	8.01	40.73	258	14875	34.08	9.31	35.32	255
12900	35.17	7.88	36.04	257	13900	39.53	7.76	40.29	259	14900	34.25	8.55	35.30	256
12925	34.69	8.23	35.65	256	13925	39.15	8.32	40.02	258	14925	34.21	8.22	35.18	256
12950	34.52	8.60	35.57	256	13950	39.28	8.39	40.16	258	14950	34.76	7.51	35.56	258
12975	34.39	8.86	35.51	255	13975	39.12	9.03	40.15	257	14975	34.86	6.98	35.55	258
13000	34.15	8.95	35.30	255	14000	39.01	9.39	40.13	256	15000	34.32	7.12	35.05	258
13025	34.15	8.95	35.31	255	14025	39.02	9.52	40.17	256	15025	33.82	7.30	34.75	257
13050	33.98	9.79	35.36	254	14050	38.85	10.00	40.12	255	15050	33.34	8.42	34.38	256
13075	34.55	9.99	35.96	254	14075	38.70	10.27	40.04	255	15075	33.26	8.72	34.39	255
13100	35.76	9.43	36.98	255	14100	38.60	10.71	40.06	254	15100	32.85	9.64	34.23	253
13125	36.36	9.55	37.59	255	14125	38.58	11.31	40.21	253	15125	32.09	10.21	33.68	252
13150	36.88	9.33	38.04	256	14150	38.62	11.80	40.39	253	15150	31.22	10.69	33.00	251

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2505 04/21/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	30.71	11.32	32.73	250	16175	13.78	-6.70	15.32	296	17175	14.45	2.76	14.71	259
15200	30.40	11.87	32.64	248	16200	13.41	-5.88	14.64	293	17200	14.06	2.69	14.32	259
15225	30.43	12.00	32.71	248	16225	13.18	-6.34	14.63	296	17225	13.32	2.88	13.63	258
15250	30.21	12.69	32.77	247	16250	13.13	-6.93	14.85	298	17250	12.53	1.50	12.61	263
15275	30.04	13.80	33.05	245	16275	13.08	-6.32	14.53	296	17275	13.14	1.40	13.21	264
15300	30.19	14.12	33.33	245	16300	12.91	-5.75	14.14	294	17300	13.72	2.09	13.88	261
15325	30.37	14.04	33.45	245	16325	13.01	-5.71	14.20	294	17325	13.92	2.35	14.11	260
15350	30.57	13.53	33.43	246	16350	12.93	-5.43	14.03	293	17350	14.01	2.50	14.23	260
15375	30.50	13.47	33.34	246	16375	12.48	-4.91	13.41	291	17375	14.03	2.98	14.34	258
15400	30.61	13.92	33.63	245	16400	12.17	-4.59	13.01	290	17400	14.19	3.37	14.58	256
15425	30.73	13.19	33.45	247	16425	11.88	-4.02	12.54	289					
15450	29.87	11.62	32.05	249	16450	11.88	-4.05	12.55	289					
15475	28.23	7.28	29.15	255	16475	11.64	-3.92	12.29	288					
15500	27.01	5.25	27.52	259	16500	10.97	-3.87	11.64	289					
15525	25.23	5.32	25.79	258	16525	10.72	-3.71	11.35	289					
15550	24.41	4.94	24.90	258	16550	9.97	-2.56	10.30	284					
15575	24.31	3.37	24.54	262	16575	9.40	-2.09	9.63	282					
15600	23.31	2.47	23.44	264	16600	9.59	-2.77	9.98	286					
15625	23.00	1.57	23.05	266	16625	9.73	-2.24	9.98	283					
15650	22.53	0.65	22.54	268	16650	9.75	-1.43	9.85	278					
15675	21.74	0.43	21.74	269	16675	9.44	-1.92	9.63	281					
15700	20.59	0.50	20.60	268	16700	9.75	-0.59	9.77	273					
15725	19.46	-0.33	19.46	271	16725	10.24	0.64	10.25	266					
15750	18.56	-1.03	18.59	273	16750	10.46	1.19	10.53	263					
15775	17.57	-0.33	17.58	271	16775	10.68	1.78	10.83	260					
15800	17.43	-0.77	17.45	272	16800	10.99	1.76	11.13	261					
15825	17.13	-1.41	17.19	275	16825	11.61	1.34	11.69	263					
15850	17.04	-1.64	17.11	275	16850	11.67	1.75	11.80	261					
15875	16.60	-2.17	16.74	277	16875	11.46	2.19	11.66	259					
15900	15.63	-2.07	15.77	277	16900	12.04	2.79	12.36	257					
15925	14.88	-3.08	15.20	282	16925	12.23	3.29	12.67	255					
15950	14.00	-3.51	14.43	284	16950	12.23	3.24	12.65	255					
15975	13.29	-3.52	13.75	285	16975	12.39	4.02	13.03	252					
16000	12.81	-4.13	13.46	288	17000	12.77	4.52	13.54	250					
16025	12.11	-4.91	13.07	292	17025	13.27	4.45	14.00	251					
16050	11.57	-4.79	12.52	292	17050	13.61	5.03	14.51	250					
16075	12.49	-4.94	13.43	291	17075	14.41	5.54	15.43	249					
16100	13.11	-5.40	14.18	292	17100	14.89	5.34	15.82	250					
16125	13.14	-5.30	14.16	292	17125	15.31	4.42	15.93	254					
16150	13.55	-5.31	14.94	295	17150	15.13	3.72	15.58	256					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-90

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2502 04/22/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
350	-6.58	-0.20	6.58	88	1350	-5.90	0.27	5.91	92	2350	-3.31	0.20	3.32	93
375	-6.44	-0.71	6.48	84	1375	-5.85	0.30	5.86	93	2375	-3.00	0.00	3.00	90
400	-6.57	-1.09	6.65	81	1400	-5.81	0.32	5.82	93	2400	-2.77	0.09	2.78	92
425	-6.70	-1.17	6.80	80	1425	-5.76	0.34	5.77	93	2425	-2.59	0.41	2.62	99
450	-6.85	-1.03	6.93	81	1450	-5.71	0.36	5.73	93	2450	-2.33	0.31	2.35	97
475	-7.06	-0.79	7.11	83	1475	-5.67	0.39	5.68	94	2475	-2.25	0.04	2.25	91
500	-7.49	-0.58	7.51	85	1500	-5.62	0.41	5.64	94	2500	-2.26	-0.22	2.27	84
525	-7.81	-0.42	7.82	87	1525	-5.58	0.43	5.59	94	2525	-2.13	-0.52	2.19	76
550	-8.02	-0.33	8.03	87	1550	-5.53	0.46	5.55	95	2550	-1.92	-0.77	2.07	68
575	-8.32	-0.25	8.32	88	1575	-5.48	0.48	5.50	95	2575	-1.83	-1.05	2.11	60
600	-8.68	-0.09	8.68	89	1600	-5.44	0.50	5.46	95	2600	-1.74	-1.29	2.16	53
625	-9.19	0.23	9.19	91	1625	-5.39	0.52	5.42	95	2625	-1.70	-1.48	2.25	49
650	-9.09	0.43	9.10	93	1650	-5.34	0.55	5.37	96	2650	-1.93	-1.65	2.54	49
675	-8.36	0.31	8.36	92	1675	-5.30	0.57	5.33	96	2675	-2.28	-1.62	2.80	54
700	-7.92	0.18	7.92	91	1700	-5.25	0.59	5.28	96	2700	-2.44	-1.57	2.90	57
725	-7.71	0.08	7.71	90	1725	-5.20	0.62	5.24	97	2725	-2.35	-1.77	2.95	53
750	-7.29	0.16	7.29	91	1750	-5.14	0.73	5.19	98	2750	-2.27	-2.01	3.03	48
775	-6.98	0.42	6.99	93	1775	-5.18	0.50	5.20	95	2775	-2.14	-2.16	3.04	45
800	-6.77	0.37	6.78	93	1800	-5.51	0.29	5.52	93	2800	-1.86	-2.22	2.90	40
925	-6.74	0.31	6.75	92	1825	-5.79	0.23	5.79	92	2825	-1.82	-2.39	3.00	37
850	-6.72	0.44	6.73	94	1850	-5.69	0.05	5.69	90	2850	-1.92	-2.56	3.19	37
875	-6.57	0.51	6.59	94	1875	-5.42	-0.03	5.42	90	2875	-1.78	-2.55	3.11	35
900	-6.34	0.48	6.36	94	1900	-5.32	0.23	5.32	92	2900	-1.63	-2.59	3.06	32
925	-6.21	0.21	6.22	92	1925	-5.12	0.47	5.14	95	2925	-1.53	-2.69	3.09	29
950	-6.24	-0.09	6.24	89	1950	-4.83	0.50	4.86	96	2950	-1.55	-2.59	3.02	31
975	-6.38	-0.22	6.39	88	1975	-4.72	0.49	4.75	96	2975	-1.82	-2.16	2.82	40
1000	-6.40	-0.08	6.40	89	2000	-4.53	0.46	4.55	96	3000	-2.22	-1.76	2.83	51
1025	-6.50	-0.02	6.50	90	2025	-4.40	0.37	4.42	95	3025	-2.56	-1.56	3.00	58
1050	-6.45	0.00	6.45	90	2050	-4.43	0.28	4.44	93	3050	-2.80	-1.09	3.01	68
1075	-6.41	0.02	6.41	90	2075	-4.37	0.35	4.39	94	3075	-2.89	-0.42	2.92	82
1100	-6.36	0.05	6.36	90	2100	-4.36	0.39	4.37	95	3100	-2.68	0.11	2.68	92
1125	-6.32	0.07	6.32	90	2125	-4.50	0.32	4.51	94	3125	-2.46	0.39	2.49	99
1150	-6.27	0.09	6.27	91	2150	-4.63	0.51	4.66	96	3150	-2.32	0.69	2.42	106
1175	-6.22	0.11	6.22	91	2175	-4.52	0.71	4.58	99	3175	-2.36	1.04	2.57	114
1200	-6.18	0.14	6.18	91	2200	-4.23	0.61	4.27	98	3200	-2.40	1.27	2.72	118
1225	-6.13	0.16	6.13	91	2225	-4.14	0.48	4.16	96	3225	-1.90	1.39	2.35	126
1250	-6.08	0.18	6.09	92	2250	-4.17	0.52	4.20	97	3250	-1.29	1.38	1.89	137
1275	-6.04	0.21	6.04	92	2275	-4.20	0.42	4.22	96	3275	-0.85	1.17	1.45	144
1300	-5.99	0.23	6.00	92	2300	-4.09	0.20	4.09	93	3300	-0.54	0.98	1.12	151
1325	-5.95	0.25	5.95	92	2325	-3.68	0.21	3.68	93	3325	-0.34	1.14	1.19	163

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2502 04/22/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3350	-0.09	1.31	1.31	176	4350	1.68	1.44	2.21	229	5350	-1.39	1.95	2.40	144
3375	-0.05	1.44	1.44	178	4375	2.05	1.56	2.57	233	5375	-1.39	1.65	2.15	140
3400	-0.40	1.52	1.57	165	4400	2.13	1.51	2.61	235	5400	-1.26	1.56	2.01	141
3425	-0.70	1.58	1.72	156	4425	1.95	1.31	2.35	236	5425	-1.44	1.78	2.29	141
3450	-0.49	1.66	1.73	163	4450	1.79	1.22	2.16	235	5450	-1.58	2.15	2.67	143
3475	0.11	1.57	1.58	184	4475	1.50	1.36	2.03	228	5475	-1.60	2.54	3.00	148
3500	0.61	1.37	1.50	204	4500	0.93	1.31	1.61	215	5500	-1.70	2.71	3.19	148
3525	1.06	1.34	1.71	218	4525	0.37	1.00	1.06	200	5525	-1.79	2.58	3.13	145
3550	1.47	1.61	2.18	222	4550	0.04	0.91	0.91	182	5550	-1.94	2.58	3.23	143
3575	1.69	1.77	2.45	224	4575	-0.24	0.98	1.01	166	5575	-2.43	3.15	3.98	142
3600	1.89	1.40	2.36	233	4600	-0.24	0.89	0.92	165	5600	-2.85	3.75	4.71	143
3625	2.11	0.96	2.32	245	4625	-0.20	0.78	0.80	166	5625	-2.90	3.94	4.90	143
3650	2.08	0.78	2.22	249	4650	-0.37	0.31	0.48	129	5650	-2.99	3.98	4.98	143
3675	1.83	0.79	1.99	247	4675	-0.40	-0.42	0.58	44	5675	-2.95	4.02	4.99	144
3700	1.48	0.82	1.69	241	4700	-0.25	-0.70	0.74	20	5700	-2.87	4.23	5.11	146
3725	1.35	0.87	1.60	237	4725	-0.17	-0.91	0.93	11	5725	-2.78	4.47	5.27	148
3750	1.42	0.93	1.70	237	4750	-0.19	-1.20	1.22	9	5750	-2.70	4.60	5.33	149
3775	1.51	1.06	1.85	235	4775	-0.02	-1.25	1.25	1	5775	-2.58	4.53	5.21	150
3800	1.47	1.13	2.18	239	4800	0.27	-1.24	1.27	348	5800	-2.48	4.46	5.10	151
3825	2.71	1.11	2.93	247	4825	0.43	-1.14	1.22	339	5825	-2.48	4.43	5.08	151
3850	3.25	1.23	3.47	249	4850	0.41	-1.04	1.12	338	5850	-2.37	4.44	5.03	152
3875	3.03	1.43	3.35	244	4875	0.32	-1.14	1.19	344	5875	-2.17	4.45	4.95	154
3900	2.69	1.65	3.15	238	4900	-0.06	-1.23	1.23	3	5900	-2.23	4.31	4.85	152
3925	2.60	1.73	3.13	236	4925	-0.57	-1.06	1.21	28	5925	-2.37	3.90	4.57	148
3950	2.55	1.49	2.96	240	4950	-0.93	-0.72	1.17	52	5950	-2.50	3.53	4.32	144
3975	2.14	1.19	2.45	241	4975	-1.16	-0.21	1.18	79	5975	-2.50	3.50	4.30	144
4000	1.74	0.98	2.00	240	5000	-1.45	0.06	1.45	92	6000	-2.29	3.74	4.39	148
4025	1.60	0.83	1.80	242	5025	-1.84	0.23	1.85	97	6025	-2.05	4.02	4.51	153
4050	1.57	0.71	1.72	246	5050	-2.06	0.46	2.11	102	6050	-1.88	4.14	4.55	155
4075	1.53	0.49	1.61	252	5075	-2.09	0.49	2.15	103	6075	-1.84	4.38	4.75	157
4100	1.54	0.51	1.63	251	5100	-1.69	0.57	1.78	109	6100	-1.72	4.72	5.03	160
4125	1.70	0.61	1.81	250	5125	-1.27	0.97	1.59	127	6125	-1.67	5.07	5.34	162
4150	1.83	0.56	1.91	253	5150	-1.36	1.67	2.15	141	6150	-1.73	5.31	5.58	162
4175	1.76	0.59	1.85	251	5175	-1.57	2.73	3.14	150	6175	-1.70	5.34	5.60	162
4200	1.56	0.55	1.66	251	5200	-1.74	3.14	3.59	151	6200	-1.63	5.35	5.60	163
4225	1.67	0.63	1.78	249	5225	-2.11	2.94	3.62	144	6225	-1.71	5.29	5.56	162
4250	1.91	0.91	2.12	244	5250	-1.87	2.73	3.30	145	6250	-1.86	5.30	5.61	160
4275	1.91	0.94	2.13	244	5275	-1.31	2.38	2.72	151	6275	-1.94	5.31	5.65	160
4300	1.73	0.96	1.98	241	5300	-1.07	2.27	2.51	155	6300	-1.89	5.35	5.68	160
4325	1.53	1.17	1.93	232	5325	-1.12	2.22	2.49	153	6325	-1.87	5.51	5.82	161

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2502 04/22/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6350	-1.99	5.73	6.07	161	7350	3.53	3.57	5.02	224	8350	12.38	1.06	12.43	265
6375	-2.11	5.90	6.26	160	7375	3.48	3.78	5.14	222	8375	12.62	1.06	12.66	265
6400	-2.25	5.87	6.29	159	7400	3.47	4.02	5.31	221	8400	12.85	1.07	12.89	265
6425	-2.38	5.85	6.31	158	7425	3.45	4.24	5.47	219	8425	13.08	1.07	13.12	265
6450	-2.33	5.78	6.23	158	7450	3.36	4.42	5.56	217	8450	13.31	1.08	13.35	265
6475	-2.13	5.59	5.98	159	7475	3.25	4.24	5.34	217	8475	13.54	1.08	13.58	265
6500	-1.88	5.40	5.72	161	7500	3.40	3.96	5.22	221	8500	13.69	1.40	13.76	264
6525	-1.51	5.31	5.52	164	7525	3.60	3.84	5.26	223	8525	13.57	1.42	13.64	264
6550	-0.99	5.35	5.44	169	7550	3.81	3.59	5.24	227	8550	13.48	1.52	13.57	263
6575	-0.44	5.56	5.58	175	7575	4.17	3.46	5.42	230	8575	13.78	2.11	13.94	261
6600	0.21	5.94	5.95	182	7600	4.38	3.29	5.48	233	8600	14.20	2.30	14.39	261
6625	0.80	6.43	6.48	187	7625	4.52	2.89	5.36	237	8625	14.49	2.38	14.68	260
6650	1.15	6.45	6.55	190	7650	4.55	2.64	5.26	240	8650	14.77	3.12	15.10	258
6675	1.41	6.10	6.26	193	7675	4.31	2.52	5.00	239	8675	15.07	3.57	15.48	256
6700	1.74	6.08	6.33	196	7700	4.38	2.48	5.04	240	8700	15.30	3.73	15.75	256
6725	1.98	6.11	6.42	198	7725	4.89	2.47	5.48	243	8725	15.43	3.93	15.92	256
6750	1.81	6.08	6.35	196	7750	5.39	2.52	5.95	245	8750	15.55	4.17	16.10	255
6775	1.77	6.09	6.34	196	7775	5.72	2.50	6.24	246	8775	15.76	4.40	16.36	254
6800	2.09	6.09	6.44	199	7800	5.80	2.42	6.28	247	8800	15.89	4.57	16.53	254
6825	2.22	6.13	6.52	200	7825	5.84	2.35	6.30	248	8825	16.02	4.75	16.71	253
6850	2.20	6.15	6.53	200	7850	5.95	2.08	6.31	251	8850	16.19	5.09	16.98	252
6875	2.16	6.10	6.47	199	7875	6.28	1.73	6.52	254	8875	16.50	5.48	17.38	251
6900	2.04	5.96	6.30	199	7900	6.85	1.68	7.05	256	8900	17.13	5.68	18.04	251
6925	1.95	6.08	6.38	198	7925	7.23	1.96	7.49	255	8925	17.86	5.65	18.73	252
6950	2.05	6.12	6.46	198	7950	7.45	1.83	7.67	256	8950	18.26	5.50	19.07	253
6975	2.11	6.11	6.46	199	7975	7.66	1.70	7.84	257	8975	18.40	5.45	19.19	253
7000	2.14	6.21	6.57	199	8000	7.92	1.74	8.11	257	9000	18.43	5.51	19.24	253
7025	2.44	6.27	6.73	201	8025	8.44	1.47	8.57	260	9025	18.35	5.55	19.17	253
7050	2.68	6.43	6.97	202	8050	9.24	1.16	9.32	263	9050	18.19	5.46	18.99	253
7075	2.85	6.60	7.19	203	8075	9.84	1.01	9.90	264	9075	17.98	5.28	18.74	253
7100	3.19	6.42	7.17	206	8100	10.07	1.01	10.13	264	9100	17.87	5.27	18.63	253
7125	3.49	5.98	6.92	210	8125	10.31	1.02	10.36	264	9125	17.89	5.35	18.67	253
7150	3.49	5.54	6.55	212	8150	10.54	1.02	10.59	264	9150	17.82	5.35	18.60	253
7175	3.52	5.10	6.20	214	8175	10.77	1.03	10.82	264	9175	17.72	5.35	18.51	253
7200	3.60	4.67	5.90	216	8200	11.00	1.03	11.05	264	9200	17.61	5.37	18.41	253
7225	3.50	4.74	5.89	216	8225	11.23	1.04	11.28	265	9225	17.40	5.42	18.22	252
7250	3.43	4.46	5.62	217	8250	11.46	1.04	11.51	265	9250	17.02	5.31	17.83	252
7275	3.51	4.09	5.39	220	8275	11.69	1.05	11.74	265	9275	16.81	4.98	17.53	253
7300	3.49	3.74	5.12	223	8300	11.92	1.05	11.97	265	9300	16.88	4.69	17.52	254
7325	3.52	3.55	5.00	225	8325	12.15	1.05	12.20	265	9325	16.97	4.79	17.64	254

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2502 04/22/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9350	16.92	5.11	17.67	253	10350	13.99	8.31	16.27	239	11350	20.30	5.31	20.98	255
9375	16.76	5.42	17.61	252	10375	13.99	8.20	16.22	239	11375	20.81	5.51	21.53	255
9400	16.88	5.35	17.71	252	10400	14.07	8.15	16.26	240	11400	21.13	5.70	21.88	255
9425	17.09	5.02	17.81	253	10425	14.15	8.08	16.29	240	11425	21.29	5.77	22.06	255
9450	17.31	4.88	17.98	254	10450	14.16	8.02	16.27	240	11450	21.58	5.99	22.39	254
9475	17.45	4.80	18.10	254	10475	14.07	7.73	16.06	241	11475	21.59	6.31	22.49	254
9500	17.44	4.77	18.08	255	10500	13.74	7.33	15.57	242	11500	21.81	6.65	22.80	253
9525	17.42	4.73	18.05	255	10525	13.47	7.44	15.39	241	11525	21.97	7.15	23.11	252
9550	17.33	4.74	17.97	254	10550	13.54	7.66	15.55	240	11550	21.75	7.57	23.03	251
9575	17.22	4.93	17.91	254	10575	13.36	7.61	15.38	240	11575	21.67	7.89	23.06	250
9600	17.04	5.11	17.79	253	10600	13.09	7.53	15.10	240	11600	21.46	8.09	22.93	249
9625	16.91	5.06	17.65	253	10625	13.18	7.44	15.14	240	11625	21.21	8.34	22.79	248
9650	16.85	5.00	17.57	253	10650	13.43	7.38	15.32	241	11650	21.31	8.66	23.01	248
9675	16.60	5.12	17.37	253	10675	13.58	7.27	15.41	242	11675	21.66	8.82	23.39	248
9700	16.15	5.16	16.95	252	10700	13.72	7.11	15.45	242	11700	22.04	8.74	23.71	248
9725	15.79	5.25	16.64	251	10725	13.78	7.11	15.50	243	11725	22.34	8.68	23.97	249
9750	15.70	5.34	16.58	251	10750	13.82	7.10	15.53	243	11750	22.55	8.77	24.19	249
9775	15.73	5.37	16.62	251	10775	13.91	6.93	15.54	243	11775	22.79	8.77	24.42	249
9800	15.74	5.29	16.61	251	10800	14.01	6.79	15.57	244	11800	23.08	8.70	24.66	249
9825	15.74	5.31	16.61	251	10825	14.28	6.72	15.79	245	11825	23.32	8.59	24.85	250
9850	15.60	5.58	16.57	250	10850	14.38	6.85	15.92	244	11850	23.44	8.58	24.96	250
9875	15.37	5.88	16.46	249	10875	14.35	6.91	15.93	244	11875	23.20	8.51	24.71	250
9900	15.25	6.22	16.47	248	10900	14.41	6.53	15.82	245	11900	23.27	8.40	24.74	250
9925	15.20	6.39	16.49	247	10925	14.45	6.03	15.65	247	11925	23.72	8.31	25.14	251
9950	15.07	6.39	16.37	247	10950	14.42	5.76	15.53	248	11950	24.03	8.37	25.44	251
9975	14.80	6.53	16.18	246	10975	14.51	5.60	15.55	249	11975	24.55	8.28	25.91	251
10000	14.70	6.65	16.13	245	11000	14.81	5.41	15.77	250	12000	25.01	7.83	26.21	252
10025	14.59	6.73	16.06	245	11025	15.18	5.21	16.05	251	12025	25.40	7.87	26.59	253
10050	14.41	6.87	15.97	244	11050	15.83	5.29	16.69	251	12050	25.69	7.79	26.84	253
10075	14.40	6.99	16.01	244	11075	16.55	5.47	17.43	252	12075	26.11	7.31	27.11	254
10100	14.38	7.14	16.06	243	11100	16.92	5.36	17.75	252	12100	26.74	6.98	27.63	255
10125	14.25	7.18	15.95	243	11125	17.31	5.29	18.10	253	12125	27.20	6.34	27.93	257
10150	14.13	7.16	15.84	243	11150	17.74	5.22	18.49	253	12150	27.65	5.61	28.21	258
10175	14.15	7.29	15.92	243	11175	17.95	5.07	18.65	254	12175	27.76	5.38	28.28	259
10200	14.12	7.51	15.99	242	11200	18.23	4.83	18.86	255	12200	27.72	5.02	28.17	260
10225	14.12	7.69	16.08	241	11225	18.56	4.61	19.12	256	12225	27.77	4.40	28.12	261
10250	14.20	7.92	16.26	241	11250	18.76	4.66	19.33	256	12250	27.83	3.87	28.10	262
10275	14.17	7.95	16.25	241	11275	18.87	4.85	19.48	255	12275	27.95	3.49	28.17	263
10300	14.18	7.78	16.17	241	11300	19.29	4.97	19.92	255	12300	27.64	3.10	27.81	263
10325	14.08	8.04	16.22	240	11325	19.91	5.11	20.55	255	12325	27.02	2.94	27.18	264

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-90 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2502 04/22/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12350	26.60	2.71	26.73	264	13350	35.34	18.16	39.74	243	14350	37.50	15.17	40.45	248
12375	26.47	2.71	26.60	264	13375	36.30	18.66	40.82	243	14375	37.84	14.62	40.57	249
12400	26.36	2.83	26.51	264	13400	37.60	19.06	42.16	243	14400	38.46	13.60	40.79	250
12425	26.24	2.60	26.37	264	13425	38.24	19.50	42.93	243	14425	38.83	12.93	40.93	251
12450	26.36	2.64	26.49	264	13450	38.02	19.54	42.75	243	14450	39.15	12.51	41.10	252
12475	26.52	2.57	26.65	264	13475	38.36	19.03	42.82	243	14475	39.41	12.35	41.29	252
12500	26.61	2.34	26.71	265	13500	38.69	18.43	42.86	244	14500	39.08	12.10	40.91	253
12525	26.57	2.28	26.67	265	13525	38.95	17.70	42.78	245	14525	38.57	12.10	40.42	252
12550	26.56	2.76	26.71	264	13550	39.38	17.37	43.04	246	14550	38.24	12.19	40.14	252
12575	26.47	3.41	26.69	262	13575	39.59	17.22	43.17	246	14575	37.89	12.21	39.81	252
12600	26.35	3.63	26.59	262	13600	39.53	16.74	42.93	247	14600	37.42	12.61	39.49	251
12625	26.30	3.97	26.60	261	13625	38.94	16.42	42.26	247	14625	36.95	12.85	39.13	251
12650	26.61	4.45	26.98	260	13650	38.22	16.26	41.53	247	14650	36.95	12.90	39.14	251
12675	27.32	4.65	27.71	260	13675	37.75	15.84	40.93	247	14675	37.22	12.86	39.38	251
12700	27.93	4.79	28.34	260	13700	36.73	15.87	40.01	246	14700	37.26	13.03	39.47	251
12725	28.59	4.92	29.01	260	13725	36.18	15.96	39.54	246	14725	37.02	13.27	39.32	250
12750	29.18	5.13	29.63	260	13750	35.92	16.07	39.35	246	14750	37.37	13.25	39.65	250
12775	29.33	5.32	29.81	260	13775	35.28	16.35	38.88	245	14775	37.62	13.20	39.86	250
12800	29.54	5.34	30.02	260	13800	34.97	16.57	38.69	244	14800	37.33	12.86	39.49	251
12825	30.03	5.71	30.56	259	13825	34.67	16.64	38.45	244	14825	37.42	12.20	39.36	252
12850	30.64	6.38	31.29	258	13850	34.47	16.54	38.23	244	14850	37.41	11.46	39.12	253
12875	31.36	7.10	32.15	257	13875	34.34	16.80	38.23	244	14875	37.18	10.70	38.69	254
12900	32.49	7.92	33.44	256	13900	34.16	16.87	38.10	244	14900	36.93	10.39	38.36	254
12925	33.41	8.85	34.56	255	13925	34.30	16.78	38.18	244	14925	36.79	10.58	38.28	254
12950	33.31	9.53	34.65	254	13950	34.72	16.49	38.43	244	14950	36.92	10.39	38.35	254
12975	32.66	9.70	34.07	253	13975	34.98	16.27	38.58	245	14975	36.76	10.55	38.25	254
13000	32.43	10.07	33.96	253	14000	35.08	16.15	38.62	245	15000	36.57	10.81	38.13	253
13025	31.91	10.30	33.53	252	14025	35.23	16.14	38.75	245	15025	36.45	9.94	37.78	255
13050	31.39	10.73	33.18	251	14050	35.33	16.18	38.86	245	15050	36.49	9.33	37.67	255
13075	31.01	11.53	33.09	249	14075	35.39	15.89	38.80	246	15075	36.56	8.89	37.63	256
13100	30.19	12.27	32.59	248	14100	35.72	16.06	39.16	246	15100	36.59	7.79	37.41	258
13125	29.58	12.80	32.23	246	14125	36.00	16.28	39.51	245	15125	36.54	7.56	37.31	258
13150	28.90	13.38	31.84	245	14150	36.10	16.27	39.59	246	15150	36.53	7.17	37.23	259
13175	28.66	14.30	32.03	243	14175	36.18	16.49	39.76	245	15175	36.66	6.46	37.23	260
13200	29.13	14.94	32.73	243	14200	36.06	16.55	39.68	245	15200	36.69	6.25	37.22	260
13225	30.37	15.32	34.02	243	14225	36.02	16.51	39.62	245	15225	36.35	5.87	36.82	261
13250	31.95	16.12	35.79	243	14250	36.09	16.44	39.66	245	15250	36.07	5.50	36.48	261
13275	33.01	16.63	36.97	243	14275	36.12	16.27	39.61	246	15275	36.00	5.96	36.50	260
13300	33.57	17.11	37.68	243	14300	36.18	16.32	39.69	246	15300	35.88	6.10	36.39	260
13325	34.17	17.65	38.46	242	14325	36.81	15.71	40.02	247	15325	36.14	5.91	36.62	261

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2502 04/22/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15350	36.55	5.60	36.98	261	16350	30.34	4.29	30.64	262					
15375	36.68	5.42	37.08	261	16375	29.87	4.77	30.25	261					
15400	36.30	6.02	36.79	260	16400	29.75	5.30	30.22	260					
15425	36.02	6.23	36.56	260	16425	29.72	5.91	30.30	259					
15450	35.71	5.81	36.18	261	16450	29.41	6.43	30.10	257					
15475	35.11	6.03	35.62	260	16475	29.36	7.34	30.27	256					
15500	35.46	6.36	36.03	260	16500	29.87	7.65	30.83	255					
15525	35.81	5.70	36.26	261	16525	29.99	7.51	30.92	256					
15550	35.14	5.50	35.57	261	16550	29.66	7.79	30.66	255					
15575	34.54	5.23	34.93	261	16575	29.31	7.37	30.22	256					
15600	34.46	5.12	34.84	261	16600	28.23	7.30	29.16	255					
15625	33.96	5.48	34.40	261	16625	27.35	7.01	28.24	255					
15650	33.94	5.21	34.34	261	16650	26.32	6.46	27.10	256					
15675	34.08	5.73	34.56	260	16675	25.16	5.53	25.76	257					
15700	33.98	6.31	34.56	259	16700	25.32	3.29	25.53	262					
15725	33.77	5.82	34.27	260	16725	25.68	2.18	25.77	265					
15750	33.43	5.51	33.88	260	16750	26.14	0.93	26.16	268					
15775	33.26	5.19	33.67	261	16775	26.39	-0.20	26.39	270					
15800	33.53	4.39	33.82	262	16800	26.22	-1.60	26.26	273					
15825	33.69	4.38	33.97	262	16825	25.81	-2.17	25.90	275					
15850	33.57	4.24	33.84	263	16850	25.05	-3.43	25.28	278					
15875	33.51	3.57	33.69	264	16875	24.38	-4.14	24.73	279					
15900	33.61	3.70	33.81	264	16900	24.00	-4.17	24.36	280					
15925	33.74	3.42	33.91	264	16925	23.54	-4.61	23.99	281					
15950	33.79	2.29	33.87	266	16950	22.51	-5.19	23.10	283					
15975	33.38	2.10	33.45	266	16975	21.92	-5.54	22.61	284					
16000	33.02	2.28	33.10	266	17000	21.49	-5.75	22.24	285					
16025	33.05	1.83	33.10	267	17025	20.98	-5.52	21.69	285					
16050	32.80	1.42	32.84	267	17050	20.77	-5.72	21.55	285					
16075	32.52	1.07	32.54	268	17075	20.26	-5.80	21.08	286					
16100	32.91	1.60	32.94	267	17100	19.80	-5.14	20.46	284					
16125	32.34	1.86	32.39	267	17125	19.81	-5.14	20.47	284					
16150	31.24	1.90	31.30	266										
16175	31.28	2.03	31.35	266										
16200	30.91	2.36	31.00	265										
16225	30.16	2.92	30.30	264										
16250	30.21	2.67	30.33	265										
16275	31.03	3.04	31.18	264										
16300	31.52	3.48	31.71	263										
16325	31.15	3.54	31.35	263										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2507 04/23/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
350	-7.95	-0.50	7.97	86	1350	-4.19	-2.81	5.05	56	2350	-2.37	2.27	3.28	134
375	-7.64	-0.63	7.67	85	1375	-4.00	-3.11	5.06	52	2375	-2.28	2.14	3.13	133
400	-7.42	-0.66	7.45	85	1400	-3.97	-3.20	5.10	51	2400	-2.26	2.12	3.10	133
425	-7.42	-0.53	7.44	86	1425	-4.00	-2.86	4.91	54	2425	-2.28	2.09	3.09	132
450	-7.50	-0.29	7.50	88	1450	-3.92	-2.23	4.51	60	2450	-2.57	1.79	3.13	125
475	-7.79	-0.08	7.79	89	1475	-3.77	-1.60	4.10	67	2475	-2.93	1.81	3.45	122
500	-8.04	0.13	8.05	91	1500	-3.57	-1.13	3.74	72	2500	-3.00	2.12	3.67	125
525	-8.30	0.43	8.31	93	1525	-3.47	-1.05	3.63	73	2525	-3.02	2.37	3.84	128
550	-8.78	0.89	8.83	96	1550	-3.46	-1.15	3.65	71	2550	-3.16	2.72	4.17	131
575	-8.92	1.22	9.00	98	1575	-3.37	-1.30	3.61	69	2575	-3.55	3.14	4.74	131
600	-8.78	1.24	8.87	98	1600	-3.35	-1.53	3.68	65	2600	-3.97	3.47	5.27	131
625	-8.32	1.13	8.40	98	1625	-3.32	-1.59	3.68	64	2625	-4.15	3.82	5.64	132
650	-7.66	0.97	7.72	97	1650	-3.25	-1.66	3.65	63	2650	-4.25	4.07	5.88	134
675	-7.31	1.00	7.37	98	1675	-3.27	-1.73	3.70	62	2675	-4.51	4.03	6.05	132
700	-7.12	1.17	7.22	99	1700	-3.17	-1.71	3.60	61	2700	-4.69	3.96	6.14	130
725	-6.97	1.15	7.07	99	1725	-3.02	-1.64	3.44	61	2725	-4.42	3.81	5.84	131
750	-6.91	1.04	6.98	98	1750	-3.07	-1.46	3.40	64	2750	-4.21	3.74	5.64	131
775	-6.84	0.82	6.89	97	1775	-3.22	-1.11	3.41	71	2775	-4.22	3.77	5.65	132
800	-6.84	0.70	6.87	96	1800	-3.39	-0.84	3.49	76	2800	-4.21	3.51	5.48	130
825	-6.73	0.66	6.76	95	1825	-3.60	-0.67	3.66	79	2825	-4.23	3.36	5.40	128
850	-6.71	0.51	6.73	94	1850	-3.76	-0.50	3.79	82	2850	-4.20	3.53	5.49	130
875	-6.97	0.64	7.00	95	1875	-3.89	-0.45	3.92	83	2875	-4.25	3.53	5.53	129
900	-7.06	0.73	7.10	96	1900	-3.96	-0.39	3.98	84	2900	-4.45	3.28	5.53	126
925	-7.04	0.59	7.06	95	1925	-4.00	-0.34	4.01	85	2925	-4.49	3.15	5.49	125
950	-6.87	0.44	6.89	93	1950	-4.00	-0.09	4.00	88	2950	-4.22	3.06	5.21	126
975	-6.61	0.12	6.61	91	1975	-3.90	0.36	3.92	95	2975	-3.96	2.84	4.87	125
1000	-6.41	-0.14	6.41	89	2000	-3.66	0.57	3.70	99	3000	-4.00	2.76	4.86	124
1025	-6.09	-0.24	6.10	88	2025	-3.39	0.72	3.47	102	3025	-4.08	2.70	4.90	123
1050	-5.69	-0.51	5.71	85	2050	-3.21	1.24	3.44	111	3050	-4.35	2.51	5.02	120
1075	-5.47	-0.68	5.51	83	2075	-3.18	1.75	3.63	119	3075	-4.61	2.41	5.20	117
1100	-5.30	-0.78	5.36	81	2100	-3.16	2.15	3.82	124	3100	-4.36	2.25	4.91	117
1125	-5.19	-1.11	5.31	78	2125	-2.92	2.75	4.01	133	3125	-4.10	2.10	4.60	117
1150	-5.20	-1.38	5.38	75	2150	-2.83	3.10	4.20	137	3150	-4.02	2.18	4.58	118
1175	-5.18	-1.53	5.40	73	2175	-2.93	3.15	4.30	137	3175	-3.84	2.19	4.42	120
1200	-5.23	-1.72	5.51	72	2200	-2.97	3.09	4.29	136	3200	-3.69	1.99	4.20	118
1225	-5.07	-1.83	5.38	70	2225	-2.85	2.86	4.04	135	3225	-3.59	1.95	4.08	118
1250	-4.54	-1.93	4.93	67	2250	-2.74	2.62	3.79	134	3250	-3.50	1.95	4.00	119
1275	-4.32	-2.14	4.82	63	2275	-2.72	2.40	3.63	131	3275	-3.43	1.79	3.87	117
1300	-4.26	-2.34	4.86	61	2300	-2.62	2.17	3.40	129	3300	-3.49	1.70	3.88	116
1325	-4.24	-2.57	4.96	59	2325	-2.49	2.20	3.32	131	3325	-3.45	1.33	3.70	111

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2507 04/23/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3350	-3.16	0.95	3.30	107	4350	-5.16	-0.56	5.19	84	5350	-1.38	2.42	2.79	150
3375	-2.91	1.03	3.09	109	4375	-5.15	-0.40	5.16	85	5375	-1.10	2.64	2.86	157
3400	-2.94	1.08	3.13	110	4400	-5.13	-0.51	5.16	84	5400	-1.02	2.56	2.76	158
3425	-3.34	1.10	3.51	108	4425	-5.17	-0.77	5.23	81	5425	-0.91	2.54	2.69	160
3450	-3.53	1.00	3.66	106	4450	-5.36	-0.87	5.43	81	5450	-0.64	2.43	2.52	165
3475	-3.15	0.79	3.24	104	4475	-5.45	-0.83	5.51	81	5475	-0.35	2.39	2.41	171
3500	-2.90	0.69	2.98	103	4500	-5.47	-0.82	5.53	81	5500	-0.18	2.65	2.65	176
3525	-2.84	0.43	2.87	98	4525	-5.64	-0.57	5.67	84	5525	-0.20	2.88	2.89	176
3550	-2.51	0.08	2.51	92	4550	-5.70	-0.36	5.71	86	5550	-0.33	3.10	3.12	174
3575	-2.39	-0.25	2.40	84	4575	-5.50	-0.39	5.51	86	5575	-0.33	3.12	3.13	174
3600	-2.67	-0.53	2.72	78	4600	-5.25	-0.33	5.26	86	5600	-0.28	2.95	2.96	174
3625	-3.29	-0.93	3.42	74	4625	-5.00	-0.18	5.00	88	5625	-0.46	3.02	3.05	171
3650	-4.14	-1.37	4.36	71	4650	-4.58	0.01	4.58	90	5650	-0.64	3.14	3.21	168
3675	-4.75	-1.54	4.99	72	4675	-4.03	0.03	4.03	90	5675	-0.58	3.14	3.19	169
3700	-4.98	-1.47	5.19	73	4700	-3.85	-0.23	3.85	86	5700	-0.45	3.03	3.06	171
3725	-5.15	-1.38	5.33	75	4725	-4.01	-0.14	4.02	88	5725	-0.27	2.93	2.94	175
3750	-5.28	-1.42	5.47	75	4750	-3.99	0.29	4.00	94	5750	0.03	2.93	2.93	180
3775	-5.33	-1.46	5.52	74	4775	-3.80	0.54	3.84	98	5775	0.14	2.80	2.81	183
3800	-5.38	-1.62	5.62	73	4800	-3.84	0.66	3.90	99	5800	-0.05	2.56	2.56	179
3825	-5.57	-1.93	5.89	71	4825	-4.03	0.69	4.09	99	5825	-0.12	2.43	2.43	177
3850	-5.74	-2.22	6.15	69	4850	-4.08	0.50	4.11	97	5850	0.16	2.47	2.47	184
3875	-5.81	-2.57	6.35	66	4875	-4.13	0.14	4.14	92	5875	0.50	2.38	2.44	192
3900	-5.92	-2.66	6.49	66	4900	-4.33	0.03	4.33	90	5900	0.74	2.09	2.22	199
3925	-5.90	-2.45	6.39	67	4925	-4.39	0.08	4.39	91	5925	1.05	1.86	2.13	209
3950	-5.77	-2.30	6.21	68	4950	-4.16	0.00	4.16	90	5950	1.41	1.66	2.18	220
3975	-5.63	-2.13	6.02	69	4975	-3.80	-0.10	3.80	88	5975	1.47	1.48	2.08	225
4000	-5.52	-1.83	5.81	71	5000	-3.66	-0.06	3.66	89	6000	1.38	1.19	1.82	229
4025	-5.32	-1.57	5.55	73	5025	-3.45	0.09	3.45	91	6025	1.31	0.93	1.61	234
4050	-5.26	-1.55	5.48	73	5050	-3.16	0.07	3.16	91	6050	1.23	0.86	1.50	235
4075	-5.33	-1.42	5.52	75	5075	-3.16	0.01	3.16	90	6075	1.37	0.72	1.55	242
4100	-5.36	-1.20	5.49	77	5100	-3.02	0.04	3.02	91	6100	1.65	0.78	1.82	244
4125	-5.45	-1.06	5.56	79	5125	-2.67	0.05	2.67	91	6125	1.65	1.13	2.00	235
4150	-5.65	-1.01	5.74	80	5150	-2.61	-0.00	2.61	90	6150	1.30	1.55	2.03	220
4175	-5.79	-0.94	5.87	81	5175	-2.71	0.00	2.71	90	6175	0.96	1.94	2.17	206
4200	-5.65	-0.76	5.70	82	5200	-2.52	0.22	2.53	95	6200	0.93	2.13	2.32	203
4225	-5.44	-0.66	5.48	83	5225	-2.15	0.30	2.17	98	6225	0.89	2.17	2.34	202
4250	-5.38	-0.54	5.41	84	5250	-1.77	0.33	1.80	100	6250	0.70	2.36	2.46	196
4275	-5.29	-0.33	5.30	86	5275	-1.52	0.57	1.63	110	6275	0.59	2.45	2.52	193
4300	-5.16	-0.39	5.17	86	5300	-1.55	1.01	1.85	123	6300	0.64	2.45	2.53	194
4325	-5.17	-0.65	5.21	83	5325	-1.59	1.73	2.35	137	6325	0.72	2.55	2.65	196

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-91 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2507 04/23/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6350	0.62	2.46	2.54	194	7350	2.36	-3.46	4.19	326	8350	7.83	0.96	7.89	263
6375	0.39	2.32	2.36	189	7375	2.50	-3.65	4.42	325	8375	7.92	1.26	8.02	261
6400	0.25	2.05	2.07	187	7400	2.72	-3.55	4.47	322	8400	8.08	1.32	8.19	261
6425	0.23	1.68	1.70	188	7425	3.00	-3.21	4.40	317	8425	8.15	1.24	8.24	261
6450	0.25	1.37	1.39	190	7450	3.38	-2.76	4.36	309	8450	8.21	1.02	8.27	263
6475	0.29	1.04	1.08	195	7475	3.63	-2.30	4.29	302	8475	8.38	0.82	8.42	264
6500	0.18	0.91	0.93	191	7500	3.75	-1.98	4.24	298	8500	8.50	0.84	8.55	264
6525	-0.07	0.84	0.84	175	7525	4.03	-1.78	4.41	294	8525	8.61	0.86	8.65	264
6550	-0.21	0.72	0.75	164	7550	4.39	-1.72	4.72	291	8550	8.67	0.70	8.70	265
6575	-0.35	0.58	0.68	148	7575	4.70	-1.62	4.97	289	8575	8.60	0.53	8.62	266
6600	-0.68	0.42	0.79	122	7600	5.01	-1.42	5.21	286	8600	8.53	0.42	8.54	267
6625	-1.06	0.24	1.09	103	7625	5.11	-1.10	5.23	282	8625	8.46	0.41	8.47	267
6650	-1.55	0.08	1.56	93	7650	4.88	-0.69	4.93	278	8650	8.37	0.37	8.38	267
6675	-1.83	-0.17	1.84	84	7675	4.86	-0.38	4.87	274	8675	8.33	0.35	8.34	267
6700	-1.65	-0.57	1.75	71	7700	5.11	-0.14	5.11	271	8700	8.32	0.36	8.33	267
6725	-1.16	-0.90	1.47	52	7725	5.23	0.12	5.23	269	8725	8.20	0.33	8.20	267
6750	-0.55	-1.10	1.23	26	7750	5.31	0.46	5.33	265	8750	7.98	0.46	7.99	267
6775	-0.23	-1.13	1.15	11	7775	5.29	0.71	5.33	262	8775	7.93	0.69	7.96	265
6800	0.00	-1.14	1.14	360	7800	5.14	0.95	5.23	259	8800	7.86	0.83	7.91	264
6825	0.41	-0.88	0.97	335	7825	5.00	1.18	5.14	257	8825	7.76	0.97	7.82	263
6850	0.67	-0.56	0.87	310	7850	5.01	1.32	5.18	255	8850	7.60	1.15	7.69	261
6875	0.63	-0.54	0.83	311	7875	5.05	1.49	5.26	253	8875	7.41	1.39	7.54	259
6900	0.43	-0.63	0.76	326	7900	5.01	1.69	5.29	251	8900	7.18	1.56	7.35	258
6925	0.32	-0.81	0.87	338	7925	5.21	1.81	5.52	251	8925	6.93	1.78	7.15	255
6950	0.34	-0.96	1.01	340	7950	5.60	1.83	5.89	252	8950	6.81	2.10	7.13	253
6975	0.19	-0.83	0.85	347	7975	5.67	1.88	5.97	251	8975	6.90	2.16	7.23	252
7000	-0.08	-0.58	0.59	8	8000	5.54	1.78	5.82	252	9000	7.09	2.01	7.37	254
7025	-0.17	-0.33	0.37	26	8025	5.41	1.43	5.59	255	9025	7.10	1.95	7.36	254
7050	-0.21	-0.36	0.42	30	8050	5.25	1.04	5.35	259	9050	7.07	1.92	7.33	255
7075	-0.28	-0.70	0.76	22	8075	5.27	0.84	5.33	261	9075	7.10	1.81	7.33	256
7100	-0.06	-0.86	0.86	3	8100	5.40	0.84	5.47	261	9100	7.08	1.61	7.26	257
7125	0.41	-0.94	1.03	336	8125	5.48	0.90	5.55	260	9125	7.04	1.36	7.17	259
7150	0.78	-1.05	1.31	323	8150	5.51	0.95	5.59	260	9150	6.99	1.19	7.09	260
7175	1.10	-1.18	1.61	317	8175	5.46	1.01	5.56	259	9175	7.11	1.02	7.19	262
7200	1.49	-1.41	2.05	313	8200	5.53	0.94	5.61	260	9200	7.45	0.83	7.50	263
7225	1.79	-1.60	2.40	312	8225	5.87	0.68	5.90	263	9225	7.51	0.95	7.57	263
7250	2.03	-1.97	2.83	314	8250	6.23	0.41	6.24	266	9250	7.57	1.06	7.64	262
7275	2.23	-2.41	3.29	317	8275	6.71	0.27	6.72	268	9275	7.63	1.17	7.71	261
7300	2.35	-2.79	3.65	320	8300	7.29	0.32	7.30	267	9300	7.68	1.28	7.79	260
7325	2.39	-3.16	3.96	323	8325	7.69	0.59	7.71	265	9325	7.74	1.39	7.87	260

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2507 04/23/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9350	7.80	1.50	7.94	259	10350	11.61	3.76	12.20	252	11350	16.72	5.62	17.64	251
9375	7.86	1.61	8.02	258	10375	11.52	3.73	12.11	252	11375	16.68	5.61	17.60	251
9400	7.92	1.72	8.10	258	10400	11.46	3.81	12.08	251	11400	16.67	5.51	17.56	252
9425	7.97	1.83	8.18	257	10425	11.47	3.75	12.07	252	11425	16.58	5.32	17.41	252
9450	8.03	1.94	8.26	256	10450	11.49	3.69	12.07	252	11450	16.48	5.06	17.24	253
9475	8.09	2.05	8.35	256	10475	11.47	3.63	12.03	252	11475	16.41	4.91	17.13	253
9500	8.15	2.17	8.43	255	10500	11.46	3.56	12.00	253	11500	16.28	4.98	17.03	253
9525	8.21	2.28	8.52	254	10525	11.52	3.58	12.07	253	11525	16.17	4.95	16.91	253
9550	8.27	2.39	8.60	254	10550	11.53	3.52	12.05	253	11550	16.19	4.86	16.90	253
9575	8.32	2.50	8.69	253	10575	11.73	3.19	12.15	255	11575	16.25	4.90	16.97	253
9600	8.38	2.61	8.78	253	10600	11.92	2.70	12.22	257	11600	16.22	4.99	16.97	253
9625	8.44	2.72	8.87	252	10625	12.08	2.54	12.34	258	11625	16.26	4.98	17.01	253
9650	8.50	2.83	8.96	251	10650	12.38	2.85	12.71	257	11650	16.31	4.88	17.02	253
9675	8.56	2.94	9.05	251	10675	12.76	2.93	13.09	257	11675	16.63	4.75	17.29	254
9700	8.63	3.09	9.17	250	10700	13.31	2.50	13.54	259	11700	16.92	4.81	17.59	254
9725	8.76	3.09	9.29	250	10725	13.85	2.13	14.01	261	11725	16.89	4.90	17.58	254
9750	8.97	3.19	9.52	250	10750	14.19	2.23	14.36	261	11750	17.33	4.86	17.99	254
9775	9.16	3.13	9.68	251	10775	14.36	2.40	14.56	260	11775	17.90	5.17	18.63	254
9800	9.30	2.93	9.76	252	10800	14.41	2.56	14.63	260	11800	18.35	5.82	19.25	252
9825	9.50	2.81	9.91	253	10825	14.49	2.85	14.76	259	11825	19.26	6.20	20.23	252
9850	9.82	2.66	10.18	255	10850	14.65	3.18	14.99	258	11850	20.05	5.99	20.93	253
9875	10.06	2.74	10.42	255	10875	14.57	3.44	14.97	257	11875	20.23	6.00	21.10	253
9900	10.05	2.98	10.49	253	10900	14.46	3.62	14.91	256	11900	20.38	6.33	21.34	253
9925	10.12	3.07	10.57	253	10925	14.37	3.62	14.82	256	11925	20.79	6.91	21.91	251
9950	10.35	2.98	10.77	254	10950	14.27	3.51	14.70	256	11950	21.09	7.59	22.41	250
9975	10.52	2.87	10.90	255	10975	14.19	3.47	14.61	256	11975	21.08	7.89	22.50	249
10000	10.48	2.94	10.89	254	11000	13.98	3.39	14.39	256	12000	21.04	8.17	22.57	249
10025	10.32	3.35	10.85	252	11025	13.85	3.43	14.27	256	12025	21.13	8.56	22.80	248
10050	10.12	3.85	10.82	249	11050	14.26	3.59	14.70	256	12050	21.21	8.93	23.01	247
10075	10.03	4.21	10.88	247	11075	14.81	3.65	15.25	256	12075	21.20	9.28	23.14	246
10100	10.05	4.43	10.99	246	11100	15.13	3.72	15.58	256	12100	21.20	9.58	23.26	245
10125	10.13	4.59	11.12	245	11125	15.23	4.06	15.76	255	12125	21.24	9.77	23.38	245
10150	10.33	4.58	11.30	246	11150	15.50	4.44	16.12	254	12150	21.31	9.84	23.47	245
10175	10.48	4.40	11.36	247	11175	16.03	4.68	16.70	254	12175	21.32	9.93	23.52	245
10200	10.62	4.38	11.49	247	11200	16.20	4.92	16.93	253	12200	21.09	9.99	23.33	244
10225	10.73	4.25	11.54	248	11225	16.25	5.30	17.09	252	12225	20.83	9.99	23.10	244
10250	10.79	4.20	11.58	249	11250	16.31	5.76	17.30	250	12250	20.78	10.40	23.24	243
10275	11.00	4.28	11.80	249	11275	16.42	5.89	17.44	250	12275	20.62	11.09	23.41	242
10300	11.37	4.16	12.11	250	11300	16.64	5.77	17.62	251	12300	20.46	11.70	23.57	240
10325	11.62	3.97	12.28	251	11325	16.78	5.67	17.71	251	12325	20.38	12.09	23.70	239

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2507 04/23/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12350	20.51	12.35	23.94	239	13350	26.99	6.53	27.77	256	14350	34.50	6.52	35.11	259
12375	20.98	12.58	24.46	239	13375	27.52	6.89	28.37	256	14375	34.65	6.33	35.22	259
12400	21.43	12.63	24.88	239	13400	27.81	7.42	28.78	255	14400	34.86	6.07	35.38	260
12425	21.63	12.56	25.01	240	13425	28.09	7.83	29.16	254	14425	35.00	5.89	35.49	260
12450	21.46	12.63	24.90	239	13450	28.34	8.08	29.47	254	14450	34.89	5.72	35.35	260
12475	21.19	12.67	24.69	239	13475	28.46	8.39	29.67	253	14475	34.70	5.42	35.12	261
12500	21.15	12.74	24.69	239	13500	28.91	8.73	30.20	253	14500	34.76	5.27	35.16	261
12525	21.32	12.87	24.90	239	13525	29.45	8.90	30.77	253	14525	34.74	5.16	35.12	261
12550	21.48	12.80	25.01	239	13550	30.16	8.91	31.45	253	14550	34.70	4.84	35.03	262
12575	21.46	12.80	24.99	239	13575	31.38	8.95	32.63	254	14575	34.78	4.69	35.09	262
12600	21.72	12.88	25.25	239	13600	32.51	9.37	33.83	254	14600	34.67	4.73	34.99	262
12625	22.08	12.85	25.55	240	13625	32.55	9.89	34.03	253	14625	34.31	4.77	34.64	262
12650	22.34	12.87	25.78	240	13650	32.42	10.11	33.96	252	14650	33.89	4.87	34.24	262
12675	22.76	12.75	26.09	241	13675	32.43	10.00	33.93	253	14675	33.46	4.98	33.83	261
12700	22.75	12.28	25.85	241	13700	32.15	10.08	33.69	252	14700	33.57	5.18	33.97	261
12725	22.54	12.01	25.54	242	13725	32.12	10.28	33.72	252	14725	34.36	5.10	34.74	261
12750	22.59	12.31	25.73	241	13750	32.12	10.31	33.73	252	14750	34.97	4.83	35.30	262
12775	22.98	12.82	26.31	241	13775	32.02	10.87	33.81	251	14775	35.10	4.64	35.41	262
12800	23.21	13.07	26.64	240	13800	31.90	12.08	34.12	249	14800	35.10	4.35	35.37	263
12825	22.97	12.98	26.38	240	13825	31.76	13.33	34.44	247	14825	35.14	3.86	35.35	264
12850	23.17	12.63	26.39	241	13850	31.75	14.37	34.85	245	14850	35.22	3.30	35.38	264
12875	23.86	11.97	26.69	243	13875	31.89	14.91	35.20	245	14875	35.25	3.02	35.38	265
12900	24.30	11.66	26.95	244	13900	32.32	14.65	35.49	245	14900	35.32	2.85	35.44	265
12925	24.52	11.83	27.22	244	13925	32.85	14.08	35.74	247	14925	35.40	3.00	35.52	265
12950	24.53	11.92	27.27	244	13950	33.24	13.64	35.92	247	14950	35.22	3.23	35.37	265
12975	24.63	12.01	27.40	244	13975	33.53	12.85	35.91	249	14975	35.05	3.24	35.20	265
13000	24.75	12.08	27.54	244	14000	33.63	11.87	35.66	250	15000	35.11	3.40	35.27	264
13025	24.90	12.24	27.74	244	14025	33.69	11.25	35.52	251	15025	35.67	3.39	35.84	264
13050	25.26	12.45	28.16	244	14050	33.65	10.74	35.32	252	15050	36.14	3.16	36.27	265
13075	25.63	12.49	28.51	244	14075	33.77	10.29	35.30	253	15075	36.08	2.73	36.18	265
13100	26.21	12.80	29.17	244	14100	34.03	9.96	35.46	253	15100	36.04	2.07	36.10	267
13125	26.96	13.11	29.98	244	14125	34.23	9.61	35.55	254	15125	35.85	1.68	35.89	267
13150	27.25	12.44	29.96	245	14150	34.36	9.32	35.61	255	15150	35.42	1.60	35.45	267
13175	27.18	11.17	29.39	247	14175	34.53	9.40	35.60	255	15175	35.23	1.02	35.25	268
13200	27.07	10.26	28.95	249	14200	34.63	7.82	35.50	257	15200	35.36	0.46	35.37	269
13225	27.08	9.38	28.66	251	14225	34.60	7.48	35.40	258	15225	35.30	0.22	35.30	269
13250	27.12	8.33	28.37	253	14250	34.65	7.36	35.42	258	15250	35.26	0.22	35.26	269
13275	26.88	7.62	27.94	254	14275	34.67	7.14	35.40	258	15275	35.48	0.46	35.48	269
13300	26.61	7.26	27.59	255	14300	34.70	6.91	35.38	259	15300	35.40	0.40	35.41	269
13325	26.61	6.83	27.47	255	14325	34.59	6.70	35.24	259	15325	35.40	-0.09	35.40	270

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2507 04/23/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15350	35.32	-0.52	35.33	271	16350	21.38	8.97	23.18	247					
15375	35.06	-0.58	35.07	271	16375	21.97	9.11	23.79	247					
15400	35.00	-0.73	35.01	271	16400	22.24	9.44	24.16	247					
15425	34.87	-0.71	34.88	271	16425	22.13	9.41	24.04	247					
15450	34.83	-0.43	34.83	271	16450	22.19	9.44	24.11	247					
15475	35.22	-0.41	35.22	270	16475	22.65	10.18	24.83	246					
15500	35.46	-0.46	35.46	271	16500	23.11	9.95	25.16	246					
15525	35.09	-0.54	35.09	271	16525	23.36	9.09	25.06	249					
15550	34.47	-0.79	34.48	271	16550	23.63	9.31	25.40	248					
15575	34.45	-1.18	34.47	272	16575	23.62	9.65	25.51	248					
15600	34.30	-1.57	34.33	272	16600	23.47	9.40	25.28	248					
15625	33.91	-2.03	33.97	273	16625	23.72	9.38	25.51	248					
15650	33.79	-2.64	33.90	274	16650	23.88	9.74	25.79	248					
15675	33.64	-2.81	33.75	275	16675	23.96	9.90	25.92	247					
15700	33.48	-2.66	33.59	274	16700	23.95	10.23	26.04	247					
15725	32.96	-2.85	33.09	275	16725	24.13	10.69	26.40	246					
15750	32.30	-3.14	32.45	275	16750	25.00	10.59	27.16	247					
15775	31.49	-3.20	31.65	276	16775	25.65	10.01	27.54	248					
15800	30.53	-3.76	30.76	277	16800	25.64	9.03	27.19	250					
15825	29.53	-4.59	29.88	279	16825	25.32	7.80	26.49	253					
15850	28.77	-4.72	29.15	279	16850	25.56	6.00	26.26	257					
15875	28.45	-4.63	28.83	279	16875	25.81	4.82	26.26	259					
15900	28.35	-4.50	28.71	279	16900	25.64	3.47	25.87	262					
15925	28.06	-3.96	28.34	278	16925	25.45	2.45	25.57	264					
15950	27.57	-3.42	27.78	277										
15975	26.75	-3.04	26.93	276										
16000	25.63	-2.74	25.77	276										
16025	24.25	-2.41	24.37	275										
16050	23.17	-1.64	23.23	274										
16075	22.20	-0.50	22.21	271										
16100	21.34	0.50	21.35	268										
16125	20.34	1.72	20.41	265										
16150	19.61	2.70	19.79	262										
16175	18.82	3.39	19.13	260										
16200	19.08	4.13	19.52	258										
16225	20.02	4.91	20.62	256										
16250	20.47	5.88	21.30	254										
16275	20.93	6.50	21.91	253										
16300	21.46	7.20	22.63	251										
16325	21.38	8.35	22.95	248										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-92

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2503 04/23/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
1025	-7.70	-0.44	7.71	86	2025	-3.25	-0.15	3.25	87	3025	-4.12	0.95	4.23	103
1050	-7.76	-0.63	7.79	85	2050	-3.52	-0.12	3.52	88	3050	-4.21	0.62	4.26	98
1075	-7.64	-0.50	7.66	86	2075	-3.78	-0.09	3.78	88	3075	-4.43	0.61	4.47	98
1100	-7.28	-0.24	7.28	88	2100	-4.08	-0.04	4.08	89	3100	-4.44	0.56	4.47	97
1125	-6.82	0.07	6.82	90	2125	-4.51	-0.04	4.51	89	3125	-4.20	0.38	4.22	95
1150	-6.41	0.27	6.41	92	2150	-4.66	-0.12	4.66	88	3150	-3.77	0.11	3.77	92
1175	-5.85	0.51	5.87	95	2175	-4.59	-0.19	4.59	87	3175	-3.63	-0.15	3.63	87
1200	-5.23	0.77	5.28	98	2200	-4.47	-0.19	4.47	87	3200	-3.94	-0.30	3.95	85
1225	-4.49	0.84	4.57	100	2225	-4.33	-0.14	4.33	88	3225	-4.22	-0.31	4.24	86
1250	-3.84	0.63	3.89	99	2250	-4.23	-0.15	4.23	88	3250	-4.43	-0.43	4.45	84
1275	-3.57	0.46	3.60	97	2275	-4.14	-0.22	4.14	87	3275	-4.60	-0.61	4.64	82
1300	-3.33	0.47	3.36	98	2300	-3.98	-0.26	3.99	86	3300	-4.73	-0.55	4.76	83
1325	-3.07	0.44	3.10	98	2325	-3.98	-0.28	3.99	86	3325	-4.66	-0.48	4.69	84
1350	-2.79	0.48	2.84	100	2350	-4.21	-0.16	4.22	88	3350	-4.69	-0.65	4.73	82
1375	-2.51	0.41	2.54	99	2375	-4.56	0.05	4.56	90	3375	-5.07	-0.93	5.15	79
1400	-2.59	0.03	2.59	90	2400	-4.89	0.35	4.90	94	3400	-5.33	-1.15	5.45	78
1425	-2.89	-0.42	2.92	82	2425	-5.08	0.66	5.12	97	3425	-5.26	-1.28	5.41	76
1450	-2.97	-0.94	3.11	72	2450	-5.05	0.85	5.12	99	3450	-5.23	-1.52	5.45	74
1475	-3.10	-1.38	3.39	66	2475	-5.00	1.01	5.10	101	3475	-5.33	-2.01	5.69	69
1500	-3.16	-1.55	3.52	64	2500	-4.90	1.26	5.06	104	3500	-5.36	-2.51	5.92	65
1525	-3.19	-1.67	3.60	62	2525	-4.74	1.58	4.99	108	3525	-5.52	-2.84	6.21	63
1550	-3.37	-1.72	3.78	63	2550	-4.68	1.72	4.99	110	3550	-5.66	-2.93	6.37	62
1575	-3.46	-1.72	3.86	63	2575	-4.60	1.59	4.87	109	3575	-5.65	-2.77	6.29	64
1600	-3.48	-1.88	3.96	61	2600	-4.62	1.24	4.79	105	3600	-5.70	-2.56	6.24	66
1625	-3.50	-2.36	4.22	56	2625	-4.79	1.17	4.94	104	3625	-5.76	-2.20	6.17	69
1650	-3.35	-2.89	4.43	49	2650	-4.90	1.31	5.08	105	3650	-5.59	-1.74	5.85	73
1675	-3.09	-3.06	4.34	45	2675	-4.95	1.51	5.18	107	3675	-5.49	-1.50	5.69	74
1700	-2.95	-2.97	4.19	45	2700	-4.95	1.73	5.24	109	3700	-5.50	-1.34	5.66	76
1725	-2.86	-2.95	4.11	44	2725	-4.83	1.70	5.12	109	3725	-5.32	-1.34	5.49	76
1750	-2.87	-3.16	4.27	42	2750	-4.70	1.68	4.99	110	3750	-5.20	-1.30	5.36	76
1775	-3.03	-3.42	4.56	41	2775	-4.58	1.87	4.95	112	3775	-5.14	-1.05	5.25	78
1800	-3.04	-3.35	4.53	42	2800	-4.46	2.07	4.91	115	3800	-4.81	-1.04	4.93	78
1825	-2.96	-3.06	4.26	44	2825	-4.41	2.18	4.92	116	3825	-4.46	-1.27	4.64	74
1850	-3.02	-2.60	3.98	49	2850	-4.38	2.35	4.97	118	3850	-4.19	-1.42	4.43	71
1875	-3.02	-2.01	3.63	56	2875	-4.25	2.33	4.85	118	3875	-3.91	-1.52	4.19	69
1900	-2.90	-1.49	3.26	63	2900	-4.28	2.07	4.75	116	3900	-3.71	-1.70	4.08	65
1925	-2.84	-1.07	3.03	69	2925	-4.41	1.85	4.79	113	3925	-3.74	-1.85	4.17	63
1950	-2.84	-0.84	2.96	73	2950	-4.30	1.51	4.56	109	3950	-3.96	-1.92	4.40	64
1975	-3.06	-0.63	3.12	78	2975	-4.18	1.28	4.37	107	3975	-4.10	-1.97	4.54	64
2000	-3.24	-0.33	3.26	84	3000	-4.20	1.25	4.39	106	4000	-4.10	-2.14	4.62	62

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2503 04/23/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4025	-4.16	-2.41	4.81	60	5025	0.45	-0.23	0.51	297	6025	0.69	-0.73	1.01	316
4050	-4.40	-2.43	5.03	61	5050	0.21	-0.11	0.24	298	6050	0.59	-0.85	1.04	325
4075	-4.70	-2.25	5.21	64	5075	0.28	-0.09	0.29	287	6075	0.42	-0.99	1.08	337
4100	-4.79	-2.23	5.29	65	5100	0.50	-0.14	0.52	285	6100	0.36	-1.18	1.24	343
4125	-4.66	-2.21	5.15	64	5125	0.11	-0.33	0.35	341	6125	0.51	-1.09	1.20	335
4150	-4.37	-2.13	4.86	64	5150	-0.36	-0.52	0.63	34	6150	0.62	-0.72	0.95	319
4175	-4.19	-2.12	4.69	63	5175	-0.20	-0.48	0.52	23	6175	0.67	-0.44	0.80	303
4200	-4.20	-1.84	4.59	66	5200	-0.28	-0.37	0.47	37	6200	0.86	-0.09	0.86	276
4225	-4.24	-1.46	4.49	71	5225	-0.41	-0.40	0.57	46	6225	1.08	0.17	1.09	261
4250	-4.30	-1.14	4.45	75	5250	-0.39	-0.62	0.73	32	6250	1.22	0.21	1.23	260
4275	-3.97	-0.95	4.09	76	5275	-0.30	-0.84	0.89	20	6275	1.19	0.31	1.23	255
4300	-3.41	-0.84	3.52	76	5300	-0.35	-1.11	1.16	17	6300	1.00	0.60	1.16	239
4325	-2.89	-0.70	2.97	76	5325	-0.51	-1.33	1.42	21	6325	0.85	0.91	1.24	223
4350	-2.43	-0.64	2.51	75	5350	-0.65	-1.35	1.50	26	6350	0.92	1.09	1.43	220
4375	-1.97	-0.74	2.10	69	5375	-0.71	-1.32	1.50	28	6375	1.04	1.30	1.66	219
4400	-1.45	-0.76	1.63	62	5400	-0.73	-1.34	1.52	28	6400	0.97	1.46	1.76	213
4425	-1.07	-0.69	1.27	57	5425	-0.83	-1.32	1.56	32	6425	0.79	1.58	1.76	206
4450	-0.87	-0.84	1.20	46	5450	-0.96	-1.16	1.51	40	6450	0.72	1.47	1.63	206
4475	-0.90	-1.05	1.38	40	5475	-1.03	-1.18	1.56	41	6475	0.92	1.23	1.54	217
4500	-0.90	-1.28	1.57	35	5500	-0.93	-1.35	1.64	34	6500	1.22	1.20	1.72	225
4525	-0.60	-1.56	1.67	21	5525	-0.84	-1.54	1.76	28	6525	1.40	1.34	1.94	226
4550	-0.35	-1.80	1.83	11	5550	-0.79	-1.75	1.92	24	6550	1.67	1.42	2.20	229
4575	-0.09	-1.79	1.79	3	5575	-0.65	-1.92	2.03	19	6575	2.10	1.45	2.55	235
4600	0.21	-1.42	1.44	351	5600	-0.54	-2.13	2.20	14	6600	2.45	1.54	2.90	238
4625	0.29	-1.01	1.05	344	5625	-0.48	-2.18	2.23	12	6625	2.54	1.74	3.08	235
4650	0.33	-0.61	0.70	331	5650	-0.44	-2.00	2.05	12	6650	2.50	1.96	3.18	232
4675	0.25	-0.22	0.33	312	5675	-0.42	-1.60	1.65	14	6675	2.62	1.96	3.27	233
4700	0.05	-0.09	0.10	333	5700	-0.35	-1.17	1.22	16	6700	2.87	1.97	3.48	235
4725	-0.02	-0.08	0.08	16	5725	-0.22	-0.84	0.86	14	6725	3.16	1.91	3.69	239
4750	-0.14	-0.01	0.14	87	5750	-0.05	-0.44	0.45	6	6750	3.41	1.63	3.78	244
4775	-0.33	0.19	0.38	120	5775	0.12	-0.18	0.22	326	6775	3.57	1.27	3.79	250
4800	-0.48	0.46	0.67	134	5800	0.30	0.04	0.30	262	6800	3.61	0.98	3.74	255
4825	-0.61	0.55	0.82	132	5825	0.53	0.22	0.58	248	6825	3.31	0.63	3.37	259
4850	-0.67	0.58	0.88	131	5850	0.95	0.11	0.95	263	6850	3.11	0.19	3.11	266
4875	-0.64	0.56	0.85	131	5875	1.24	-0.32	1.28	284	6875	3.59	-0.26	3.60	274
4900	-0.73	0.68	1.00	133	5900	1.31	-0.61	1.44	295	6900	3.96	-0.71	4.03	280
4925	-0.67	0.72	0.99	137	5925	1.41	-0.59	1.53	293	6925	3.91	-0.86	4.01	282
4950	-0.16	0.39	0.42	157	5950	1.34	-0.72	1.52	298	6950	3.82	-0.70	3.89	280
4975	0.31	0.03	0.31	264	5975	1.07	-0.77	1.32	306	6975	3.75	-0.61	3.80	279
5000	0.54	-0.23	0.58	293	6000	0.85	-0.68	1.09	308	7000	3.64	-0.65	3.70	280

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2503 04/23/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7025	3.55	-0.68	3.61	281	8025	2.22	-5.35	5.79	337	9025	3.46	-3.77	5.12	317
7050	3.47	-0.77	3.55	282	8050	2.17	-5.29	5.72	338	9050	3.56	-3.37	4.90	313
7075	3.36	-1.00	3.51	286	8075	1.99	-5.50	5.85	340	9075	3.66	-3.09	4.79	310
7100	3.28	-1.29	3.53	291	8100	1.95	-5.63	5.95	341	9100	3.71	-3.11	4.84	310
7125	3.21	-1.42	3.51	294	8125	2.01	-5.76	6.10	341	9125	3.74	-3.09	4.85	309
7150	3.13	-1.52	3.48	296	8150	2.19	-5.92	6.31	339	9150	3.73	-3.07	4.83	309
7175	3.16	-1.62	3.55	297	8175	2.41	-5.99	6.46	338	9175	3.71	-3.09	4.82	310
7200	3.17	-1.67	3.58	298	8200	2.61	-6.15	6.68	337	9200	3.78	-2.98	4.81	308
7225	3.10	-1.76	3.57	299	8225	2.68	-6.21	6.76	336	9225	4.05	-2.69	4.86	303
7250	3.08	-1.94	3.63	302	8250	2.59	-6.14	6.66	337	9250	4.37	-2.36	4.97	298
7275	2.96	-2.14	3.66	306	8275	2.49	-6.08	6.57	338	9275	4.39	-2.39	5.00	298
7300	2.71	-2.39	3.61	311	8300	2.41	-5.98	6.45	338	9300	4.31	-2.53	5.00	300
7325	2.45	-2.55	3.53	316	8325	2.34	-5.71	6.17	337	9325	4.27	-2.30	4.85	298
7350	2.32	-2.54	3.44	317	8350	2.22	-5.37	5.81	337	9350	4.26	-1.93	4.68	294
7375	2.28	-2.52	3.40	318	8375	2.09	-4.99	5.41	337	9375	4.25	-1.67	4.57	291
7400	2.19	-2.58	3.38	319	8400	2.15	-4.99	5.43	336	9400	4.12	-1.61	4.42	291
7425	2.14	-2.70	3.45	321	8425	2.23	-5.06	5.53	336	9425	3.86	-1.49	4.14	291
7450	2.08	-2.85	3.53	324	8450	2.30	-4.90	5.41	335	9450	3.48	-1.10	3.65	287
7475	1.87	-2.91	3.46	327	8475	2.37	-4.78	5.34	333	9475	3.26	-0.92	3.39	286
7500	1.77	-3.10	3.57	330	8500	2.39	-4.84	5.40	334	9500	3.22	-1.04	3.39	288
7525	1.73	-3.39	3.81	333	8525	2.34	-4.97	5.49	335	9525	3.15	-0.97	3.30	287
7550	1.58	-3.57	3.91	336	8550	2.27	-5.06	5.55	336	9550	3.22	-0.98	3.36	287
7575	1.46	-3.74	4.02	338	8575	2.33	-5.05	5.56	335	9575	3.22	-1.24	3.45	291
7600	1.37	-3.83	4.07	340	8600	2.39	-4.95	5.50	334	9600	3.14	-1.57	3.51	296
7625	1.32	-3.95	4.16	341	8625	2.41	-4.91	5.47	334	9625	3.22	-1.69	3.63	297
7650	1.20	-4.09	4.26	343	8650	2.36	-4.88	5.42	334	9650	3.23	-1.67	3.63	297
7675	1.16	-4.29	4.44	345	8675	2.40	-4.82	5.38	333	9675	3.08	-1.77	3.56	300
7700	1.38	-4.56	4.77	343	8700	2.47	-4.64	5.25	332	9700	3.07	-1.69	3.51	299
7725	1.65	-4.88	5.15	341	8725	2.36	-4.46	5.04	332	9725	3.31	-1.49	3.63	294
7750	1.92	-5.22	5.56	340	8750	2.27	-4.28	4.84	332	9750	3.42	-1.45	3.71	293
7775	2.09	-5.36	5.75	338	8775	2.18	-4.10	4.64	332	9775	3.34	-1.46	3.64	293
7800	2.10	-5.45	5.83	339	8800	2.16	-4.06	4.60	332	9800	3.36	-1.63	3.74	296
7825	2.03	-5.74	6.09	340	8825	2.31	-4.13	4.73	331	9825	3.35	-1.96	3.88	300
7850	2.09	-5.95	6.31	340	8850	2.48	-4.17	4.85	329	9850	3.19	-2.11	3.83	303
7875	2.08	-5.89	6.25	340	8875	2.59	-4.19	4.93	328	9875	3.01	-2.19	3.72	306
7900	2.05	-5.75	6.11	340	8900	2.78	-4.33	5.14	327	9900	2.73	-2.28	3.56	310
7925	1.98	-5.71	6.04	341	8925	2.92	-4.50	5.37	327	9925	2.34	-2.14	3.17	312
7950	1.83	-5.79	6.08	342	8950	2.94	-4.52	5.39	327	9950	1.88	-1.84	2.64	314
7975	1.93	-5.73	6.05	341	8975	2.91	-4.37	5.25	326	9975	1.54	-1.66	2.26	317
8000	2.09	-5.53	5.91	339	9000	3.14	-4.09	5.15	322	10000	1.38	-1.58	2.10	319

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TEST NUMBER 2503 04/23/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10025	1.44	-1.61	2.16	318	11025	6.46	-3.66	7.43	299	12025	5.39	-8.15	9.77	326
10050	1.48	-1.77	2.31	320	11050	6.55	-3.84	7.59	300	12050	5.80	-8.05	9.92	324
10075	1.44	-1.85	2.35	322	11075	6.65	-3.86	7.69	300	12075	6.45	-8.07	10.33	321
10100	1.39	-1.85	2.32	323	11100	6.57	-3.98	7.68	301	12100	6.85	-8.15	10.65	320
10125	1.30	-1.69	2.13	322	11125	6.50	-4.33	7.81	303	12125	6.97	-8.53	11.02	321
10150	1.16	-1.43	1.84	321	11150	6.39	-4.57	7.85	305	12150	7.23	-8.79	11.38	320
10175	0.96	-1.27	1.59	323	11175	6.20	-4.62	7.73	306	12175	7.60	-8.87	11.69	319
10200	0.82	-1.18	1.44	325	11200	6.00	-4.59	7.56	307	12200	7.74	-9.00	11.87	319
10225	0.86	-1.28	1.54	326	11225	5.76	-4.61	7.38	308	12225	7.57	-9.05	11.80	320
10250	0.99	-1.51	1.80	326	11250	5.42	-4.79	7.23	311	12250	7.29	-9.22	11.75	321
10275	1.21	-1.97	2.31	328	11275	5.25	-4.97	7.23	313	12275	6.94	-9.09	11.44	322
10300	1.45	-2.33	2.74	328	11300	5.34	-5.13	7.41	314	12300	7.16	-8.67	11.24	320
10325	1.60	-2.33	2.82	325	11325	5.50	-5.21	7.58	313	12325	8.25	-8.09	11.56	314
10350	1.68	-2.25	2.81	323	11350	5.74	-5.16	7.71	312	12350	8.96	-7.17	11.48	308
10375	1.97	-2.10	2.88	317	11375	5.78	-5.21	7.79	312	12375	9.40	-6.52	11.44	305
10400	2.62	-1.90	3.24	306	11400	5.77	-5.38	7.89	313	12400	9.88	-6.20	11.67	302
10425	3.05	-1.75	3.52	300	11425	5.55	-5.67	7.93	315	12425	10.17	-5.91	11.77	300
10450	3.17	-1.89	3.69	301	11450	5.18	-5.95	7.88	319	12450	10.85	-5.97	12.39	299
10475	3.36	-1.93	3.87	300	11475	4.97	-6.10	7.87	321	12475	11.63	-5.61	12.91	296
10500	3.54	-1.78	3.96	296	11500	4.74	-6.31	7.89	323	12500	12.18	-4.83	13.10	291
10525	3.69	-1.69	4.05	294	11525	4.30	-6.58	7.86	327	12525	12.59	-4.79	13.48	291
10550	3.89	-1.83	4.30	295	11550	4.01	-6.70	7.81	329	12550	13.00	-5.10	13.97	291
10575	4.28	-1.99	4.72	295	11575	3.68	-6.57	7.53	331	12575	13.45	-5.13	14.40	291
10600	4.61	-1.91	4.99	292	11600	3.05	-6.54	7.22	335	12600	13.77	-5.00	14.65	290
10625	4.68	-2.03	5.10	293	11625	2.58	-6.64	7.13	339	12625	13.91	-4.89	14.74	289
10650	4.65	-2.22	5.15	295	11650	2.21	-6.79	7.14	342	12650	14.04	-4.91	14.88	289
10675	4.68	-2.23	5.18	295	11675	1.94	-6.93	7.20	344	12675	14.14	-5.17	15.06	290
10700	4.94	-2.14	5.38	293	11700	1.74	-7.00	7.22	346	12700	14.52	-5.34	15.47	290
10725	5.21	-2.08	5.61	292	11725	1.55	-7.05	7.22	347	12725	15.11	-5.21	15.98	289
10750	5.52	-2.12	5.92	291	11750	1.52	-7.16	7.32	348	12750	15.63	-5.12	16.44	288
10775	5.61	-2.35	6.09	292	11775	1.49	-7.33	7.48	348	12775	16.08	-5.08	16.87	287
10800	5.45	-2.44	5.97	294	11800	1.45	-7.46	7.60	349	12800	16.38	-4.88	17.09	286
10825	5.58	-2.29	6.03	292	11825	1.74	-7.69	7.88	347	12825	16.75	-4.72	17.40	286
10850	5.85	-2.24	6.27	291	11850	2.27	-8.01	8.33	344	12850	17.24	-4.55	17.83	285
10875	6.00	-2.53	6.51	293	11875	3.05	-8.14	8.69	339	12875	17.78	-4.28	18.29	283
10900	6.17	-2.77	6.77	294	11900	3.70	-7.89	8.72	335	12900	18.77	-4.01	19.19	282
10925	6.30	-2.87	6.92	294	11925	4.02	-7.83	8.80	333	12925	19.86	-3.80	20.22	281
10950	6.43	-3.02	7.10	295	11950	4.12	-8.19	9.17	333	12950	20.85	-3.84	21.20	280
10975	6.56	-3.12	7.27	295	11975	4.51	-8.33	9.47	331	12975	21.94	-3.86	22.27	280
11000	6.55	-3.38	7.37	297	12000	5.10	-8.27	9.72	328	13000	23.01	-3.64	23.29	279

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-92 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2503 04/23/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13025	23.74	-3.58	24.01	278	14025	24.40	0.45	24.41	269	15025	24.84	-3.16	25.04	277
13050	24.18	-3.79	24.48	279	14050	24.39	1.02	24.41	267	15050	24.41	-3.22	24.62	277
13075	24.56	-4.11	24.91	279	14075	25.12	1.59	25.17	266	15075	24.11	-2.96	24.29	277
13100	24.80	-4.18	25.16	279	14100	25.47	1.92	25.54	265	15100	23.92	-2.45	24.05	276
13125	25.04	-4.07	25.37	279	14125	24.83	1.97	24.91	265	15125	23.61	-2.16	23.71	275
13150	25.38	-4.12	25.71	279	14150	24.24	2.12	24.33	265	15150	23.25	-1.45	23.29	273
13175	25.62	-4.13	25.95	279	14175	23.92	2.07	24.01	265	15175	22.91	-0.36	22.92	271
13200	25.93	-4.20	26.27	279	14200	23.79	2.07	23.88	265	15200	22.77	0.68	22.78	268
13225	26.25	-4.36	26.62	279	14225	23.99	2.56	24.12	264	15225	22.60	1.73	22.66	265
13250	26.15	-4.68	26.56	280	14250	24.44	2.63	24.58	264	15250	22.18	2.12	22.28	264
13275	25.93	-5.22	26.45	281	14275	25.28	2.41	25.40	264	15275	21.91	2.45	22.05	263
13300	25.31	-5.50	25.91	282	14300	26.29	2.61	26.42	264	15300	22.48	3.23	22.71	262
13325	24.08	-5.38	24.67	282	14325	27.16	2.88	27.31	264	15325	22.49	3.18	22.72	262
13350	23.04	-5.16	23.61	282	14350	27.81	3.15	27.99	263	15350	22.51	3.13	22.72	262
13375	22.19	-5.00	22.74	282	14375	28.16	3.37	28.36	263	15375	22.52	3.09	22.73	262
13400	21.50	-4.67	22.00	282	14400	28.36	3.59	28.58	263	15400	22.53	3.04	22.74	262
13425	20.76	-4.50	21.24	282	14425	28.39	3.89	28.65	262	15425	22.55	3.00	22.74	262
13450	19.88	-4.66	20.42	283	14450	28.65	4.07	28.94	262	15450	22.56	2.95	22.75	262
13475	19.22	-4.79	19.81	284	14475	28.91	4.22	29.22	261	15475	22.57	2.90	22.76	262
13500	18.66	-4.92	19.30	285	14500	29.30	4.55	29.65	261	15500	22.58	2.86	22.77	263
13525	18.18	-4.93	18.83	285	14525	30.10	5.25	30.56	260	15525	22.60	2.81	22.77	263
13550	17.85	-4.91	18.51	285	14550	30.69	5.88	31.25	259	15550	22.61	2.77	22.78	263
13575	17.39	-5.07	18.11	286	14575	31.25	6.58	31.93	258	15575	22.62	2.72	22.79	263
13600	16.95	-5.03	17.68	286	14600	31.70	7.02	32.47	257	15600	22.64	2.67	22.79	263
13625	16.65	-4.96	17.37	286	14625	31.65	6.52	32.32	258	15625	22.65	2.63	22.80	263
13650	16.27	-4.93	17.01	287	14650	31.24	5.44	31.71	260	15650	22.66	2.58	22.81	263
13675	16.00	-4.56	16.63	286	14675	30.93	4.41	31.24	262	15675	22.68	2.54	22.82	263
13700	16.00	-3.57	16.40	282	14700	30.45	3.39	30.63	263	15700	22.69	2.49	22.83	264
13725	16.36	-2.56	16.55	279	14725	29.86	2.41	29.96	265	15725	22.70	2.45	22.83	264
13750	16.76	-1.82	16.85	276	14750	29.41	1.48	29.44	267	15750	22.72	2.40	22.84	264
13775	17.39	-0.86	17.42	273	14775	29.01	0.91	29.02	268	15775	22.73	2.35	22.85	264
13800	18.03	-0.24	18.03	271	14800	28.47	0.44	28.48	269	15800	22.74	2.31	22.86	264
13825	18.73	-0.38	18.73	271	14825	27.91	-0.07	27.91	270	15825	22.75	2.26	22.87	264
13850	19.88	-0.45	19.88	271	14850	27.39	-0.56	27.40	271	15850	22.77	2.22	22.88	264
13875	21.34	-0.22	21.34	270	14875	26.62	-0.93	26.64	272	15875	22.78	2.17	22.88	264
13900	22.75	0.07	22.76	270	14900	25.93	-1.35	25.97	273	15900	22.79	2.12	22.89	264
13925	23.75	0.30	23.75	269	14925	25.86	-2.02	25.94	274	15925	22.81	2.08	22.90	265
13950	24.80	0.36	24.81	269	14950	25.84	-2.63	25.97	276	15950	22.82	2.03	22.91	265
13975	25.38	0.09	25.38	270	14975	25.33	-3.25	25.54	277	15975	22.83	1.99	22.92	265
14000	24.96	0.08	24.96	270	15000	25.01	-3.32	25.23	277	16000	22.85	1.94	22.93	265

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2503 04/23/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16025	22.86	1.90	22.94	265										
16050	22.87	1.85	22.95	265										
16075	22.89	1.80	22.96	265										
16100	22.90	1.76	22.97	265										
16125	22.91	1.71	22.98	266										
16150	23.59	0.84	23.60	268										
16175	23.47	-0.60	23.48	271										
16200	23.13	-1.34	23.17	273										
16225	23.00	-2.26	23.11	275										
16250	22.84	-2.87	23.02	277										
16275	22.66	-3.38	22.91	278										
16300	22.39	-4.23	22.79	280										
16325	21.98	-4.72	22.48	282										
16350	21.61	-5.45	22.29	284										
16375	21.06	-5.46	21.75	284										
16400	20.30	-4.92	20.88	283										
16425	19.45	-4.48	19.96	283										
16450	18.79	-3.89	19.19	282										
16475	18.52	-3.19	18.80	280										
16500	18.70	-2.48	18.86	277										
16525	19.38	-2.14	19.50	276										
16550	19.81	-2.32	19.94	276										
16575	19.82	-2.74	20.01	278										
16600	20.31	-2.09	20.41	276										
16625	20.84	-1.12	20.87	273										
16650	20.42	-1.17	20.45	273										
16675	19.89	-1.71	19.96	275										
16700	19.50	-2.20	19.63	276										
16725	19.02	-2.07	19.13	276										
16750	18.29	-1.76	18.37	275										
16775	17.15	-2.37	17.32	278										
16800	17.08	-2.34	17.24	278										
16825	18.11	-1.80	18.20	275										
16850	18.89	-1.48	18.95	274										
16875	19.76	-1.19	19.80	273										
16900	20.49	-0.95	20.51	272										
16925	21.15	-0.28	21.15	271										
16950	21.22	-0.15	21.22	270										
16975	20.27	-0.53	20.28	271										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2508 04/25/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
150	-0.44	9.91	9.92	177	1150	3.11	11.71	12.11	195	2150	3.11	3.34	4.57	223
175	-0.28	10.40	10.41	178	1175	3.17	11.60	12.03	195	2175	3.22	3.15	4.50	225
200	-0.30	10.80	10.80	178	1200	3.08	11.49	11.90	195	2200	3.14	3.09	4.40	225
225	-0.45	11.17	11.18	177	1225	2.92	11.14	11.51	194	2225	3.24	3.12	4.50	226
250	-0.55	11.50	11.52	177	1250	2.72	10.76	11.10	194	2250	3.38	3.20	4.66	226
275	-0.66	11.67	11.68	177	1275	2.74	10.45	10.81	195	2275	3.44	3.25	4.73	226
300	-0.60	11.84	11.86	177	1300	2.91	10.04	10.45	196	2300	3.51	3.28	4.80	227
325	-0.65	12.13	12.14	177	1325	3.24	9.95	10.47	198	2325	3.52	3.51	4.97	225
350	-0.73	12.56	12.58	177	1350	3.44	9.85	10.44	199	2350	3.58	3.65	5.11	224
375	-0.70	12.88	12.90	177	1375	3.39	9.78	10.35	199	2375	3.60	3.83	5.26	223
400	-0.69	13.07	13.09	177	1400	3.38	9.61	10.19	199	2400	3.80	4.16	5.64	222
425	-0.71	13.18	13.20	177	1425	3.39	9.33	9.93	200	2425	4.18	4.26	5.97	224
450	-0.78	13.36	13.38	176	1450	3.38	9.36	9.95	200	2450	4.26	4.26	6.03	225
475	-0.78	13.47	13.49	176	1475	3.30	9.34	9.90	199	2475	4.25	4.20	5.97	225
500	-0.74	13.54	13.56	177	1500	3.25	9.38	9.93	199	2500	4.22	4.10	5.89	226
525	-0.54	13.77	13.78	178	1525	3.28	9.40	9.95	199	2525	4.36	4.12	6.00	226
550	-0.34	13.94	13.94	178	1550	3.23	9.24	9.79	199	2550	4.51	4.19	6.16	227
575	-0.18	14.18	14.18	179	1575	3.18	9.10	9.64	199	2575	4.47	4.50	6.34	225
600	-0.05	14.36	14.36	180	1600	3.13	8.67	9.21	200	2600	4.58	4.76	6.61	224
625	-0.14	14.31	14.31	179	1625	3.15	8.31	8.89	201	2625	4.81	4.77	6.78	225
650	-0.27	14.21	14.22	179	1650	3.39	8.21	8.88	202	2650	4.90	4.85	6.89	225
675	-0.51	14.02	14.03	178	1675	3.61	8.11	8.88	204	2675	4.99	4.83	6.94	226
700	-0.74	13.86	13.88	177	1700	3.78	8.20	9.03	205	2700	5.00	4.70	6.86	227
725	-0.85	13.75	13.78	176	1725	3.77	7.91	8.77	205	2725	4.99	4.71	6.86	226
750	-0.62	13.91	13.92	177	1750	3.70	7.49	8.35	206	2750	5.15	4.62	6.92	228
775	0.05	14.12	14.12	180	1775	3.85	7.40	8.34	207	2775	5.12	4.52	6.83	228
800	0.72	14.16	14.18	183	1800	3.76	7.30	8.21	207	2800	5.18	4.60	6.93	228
825	1.12	14.08	14.12	184	1825	3.48	7.11	7.92	206	2825	5.50	4.57	7.15	230
850	0.78	13.60	13.62	183	1850	3.36	6.92	7.70	206	2850	5.53	4.57	7.17	230
875	0.30	13.12	13.12	181	1875	3.06	6.69	7.36	204	2875	5.42	4.67	7.15	229
900	0.48	12.72	12.73	182	1900	2.97	6.31	6.98	205	2900	5.21	4.69	7.01	228
925	0.76	12.44	12.46	183	1925	3.16	5.95	6.74	208	2925	4.94	4.63	6.76	227
950	1.28	12.50	12.57	186	1950	3.47	5.70	6.68	211	2950	4.93	4.61	6.75	227
975	1.73	12.41	12.53	188	1975	3.88	5.40	6.65	215	2975	4.88	4.63	6.73	226
1000	1.84	12.34	12.38	188	2000	3.70	4.98	6.20	216	3000	4.94	4.71	6.82	226
1025	1.94	12.08	12.23	189	2025	3.32	4.54	5.62	216	3025	5.12	4.75	6.99	227
1050	1.85	11.77	11.92	189	2050	3.12	4.10	5.15	217	3050	5.39	4.61	7.09	229
1075	2.11	11.68	11.87	190	2075	3.06	3.75	4.84	219	3075	5.68	4.26	7.10	233
1100	2.50	11.69	11.96	192	2100	2.99	3.39	4.52	221	3100	5.82	3.89	7.00	236
1125	2.79	11.69	12.02	193	2125	2.91	3.31	4.41	221	3125	6.04	3.81	7.14	238

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2508 04/25/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3150	6.32	3.88	7.42	238	4150	4.02	3.74	5.49	227	5150	9.54	6.81	11.72	234
3175	6.40	3.73	7.41	240	4175	4.13	3.78	5.60	227	5175	9.29	6.98	11.62	233
3200	6.32	3.74	7.34	239	4200	4.17	3.79	5.63	228	5200	8.96	7.14	11.46	231
3225	6.20	3.74	7.25	239	4225	4.43	3.77	5.82	229	5225	8.77	6.97	11.20	231
3250	5.88	3.53	6.86	239	4250	4.48	3.92	5.96	229	5250	8.71	6.72	11.00	232
3275	5.75	3.55	6.76	238	4275	4.55	4.01	6.07	228	5275	8.48	6.49	10.68	232
3300	5.77	3.64	6.82	238	4300	4.63	4.04	6.14	229	5300	8.53	6.19	10.54	234
3325	5.44	3.71	6.59	236	4325	4.32	4.17	6.00	226	5325	8.67	5.98	10.53	235
3350	5.17	3.68	6.34	234	4350	4.31	4.65	6.34	223	5350	8.55	5.68	10.26	236
3375	4.98	3.47	6.07	235	4375	4.43	4.95	6.64	222	5375	8.32	5.42	9.92	237
3400	4.80	3.37	5.87	235	4400	4.43	5.05	6.72	221	5400	8.30	5.21	9.80	238
3425	4.93	3.29	5.92	236	4425	4.45	5.25	6.88	220	5425	8.17	4.82	9.49	239
3450	4.99	2.98	5.81	239	4450	4.54	5.24	6.93	221	5450	7.91	4.65	9.18	239
3475	4.96	2.85	5.72	240	4475	4.46	5.18	6.84	221	5475	7.78	4.33	8.90	241
3500	5.01	2.83	5.75	240	4500	4.57	5.40	7.07	220	5500	7.49	3.71	8.36	244
3525	4.95	2.91	5.74	239	4525	5.00	5.43	7.38	222	5525	7.46	3.53	8.26	244
3550	4.90	3.12	5.81	237	4550	5.30	5.30	7.49	225	5550	7.32	3.24	8.01	246
3575	5.04	3.02	5.87	239	4575	5.51	5.45	7.75	225	5575	6.95	2.93	7.54	247
3600	5.17	2.87	5.91	241	4600	5.68	5.17	7.68	228	5600	6.44	2.23	6.82	251
3625	5.29	2.97	6.07	240	4625	5.88	4.68	7.51	231	5625	6.38	1.96	6.67	253
3650	5.43	3.02	6.21	241	4650	6.67	4.30	7.94	237	5650	6.51	2.20	6.87	251
3675	5.40	3.23	6.29	239	4675	7.54	4.27	8.66	240	5675	6.19	2.03	6.51	252
3700	5.51	3.52	6.53	237	4700	7.85	3.95	8.79	243	5700	5.95	1.89	6.24	252
3725	5.83	3.60	6.85	238	4725	8.33	3.47	9.02	247	5725	6.03	1.81	6.29	253
3750	6.06	3.69	7.10	238	4750	9.04	3.20	9.59	250	5750	6.06	1.57	6.26	255
3775	6.05	3.56	7.02	239	4775	9.68	2.70	10.05	254	5775	5.86	1.49	6.05	256
3800	5.78	3.68	6.85	237	4800	10.35	2.45	10.64	257	5800	5.51	1.52	5.72	254
3825	5.43	4.35	6.95	231	4825	10.87	2.50	11.16	257	5825	5.37	1.81	5.66	251
3850	5.04	4.88	7.02	226	4850	11.22	2.34	11.46	258	5850	5.28	1.97	5.63	249
3875	4.58	5.26	6.98	221	4875	11.41	2.23	11.63	259	5875	5.12	1.86	5.45	250
3900	4.40	5.60	7.12	218	4900	11.15	2.75	11.49	256	5900	5.16	1.84	5.48	250
3925	4.36	5.56	7.07	218	4925	10.84	3.55	11.41	252	5925	5.12	1.56	5.36	253
3950	4.31	5.25	6.80	219	4950	10.77	4.24	11.58	248	5950	5.30	1.34	5.47	256
3975	4.45	4.88	6.61	222	4975	10.52	4.80	11.57	245	5975	5.54	1.47	5.73	255
4000	4.26	4.43	6.15	224	5000	10.18	5.46	11.55	242	6000	5.86	1.57	6.07	255
4025	3.86	4.34	5.81	222	5025	10.16	5.92	11.76	240	6025	6.15	1.36	6.30	257
4050	3.87	4.46	5.90	221	5050	10.07	6.07	11.76	239	6050	6.08	0.93	6.15	261
4075	3.92	4.19	5.74	223	5075	9.79	6.05	11.51	238	6075	5.93	0.72	5.97	263
4100	3.90	4.11	5.66	223	5100	9.63	6.31	11.51	237	6100	5.85	0.75	5.90	263
4125	3.90	4.04	5.61	224	5125	9.62	6.67	11.71	235	6125	6.00	0.60	6.04	264

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-93 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2508 04/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6150	6.13	0.40	6.14	266	7150	11.32	-3.16	11.76	285	8150	12.41	-2.71	12.70	282
6175	5.95	0.23	5.96	268	7175	11.54	-3.23	11.99	285	8175	12.29	-2.18	12.48	280
6200	5.73	0.26	5.74	267	7200	11.75	-3.20	12.18	285	8200	12.39	-1.65	12.50	277
6225	5.72	0.39	5.73	266	7225	11.88	-3.07	12.27	284	8225	12.55	-1.29	12.61	276
6250	5.70	0.36	5.71	266	7250	11.89	-2.97	12.25	284	8250	12.42	-0.93	12.46	274
6275	5.58	0.38	5.59	266	7275	11.84	-2.99	12.21	284	8275	12.44	-0.18	12.44	271
6300	5.52	0.46	5.54	265	7300	11.75	-3.15	12.16	285	8300	12.65	0.43	12.66	268
6325	5.59	0.61	5.62	264	7325	11.79	-3.25	12.23	285	8325	12.53	0.70	12.55	267
6350	5.52	0.83	5.58	261	7350	11.86	-3.21	12.29	285	8350	12.25	1.06	12.30	265
6375	5.23	1.27	5.38	256	7375	11.89	-3.21	12.32	285	8375	12.24	1.19	12.30	264
6400	4.93	1.61	5.19	252	7400	11.94	-3.23	12.37	285	8400	12.45	1.31	12.52	264
6425	4.75	1.60	5.01	251	7425	11.80	-3.30	12.26	285	8425	12.40	1.60	12.51	262
6450	4.70	1.31	4.88	254	7450	11.62	-3.32	12.09	286	8450	12.38	1.92	12.53	261
6475	4.60	0.76	4.66	260	7475	11.34	-3.46	11.85	287	8475	12.54	2.07	12.71	260
6500	4.45	0.38	4.47	265	7500	11.07	-3.60	11.64	288	8500	12.70	2.33	12.91	259
6525	4.25	0.35	4.26	265	7525	11.14	-3.48	11.67	287	8525	12.86	2.69	13.14	258
6550	3.98	0.35	4.00	265	7550	11.19	-3.43	11.71	287	8550	12.77	2.87	13.09	257
6575	4.10	0.22	4.11	267	7575	11.16	-3.49	11.69	287	8575	12.64	3.01	12.99	256
6600	4.67	0.01	4.67	270	7600	11.10	-3.48	11.63	287	8600	12.79	3.31	13.21	255
6625	5.01	0.03	5.01	269	7625	11.08	-3.62	11.66	288	8625	13.17	3.74	13.69	254
6650	5.33	0.02	5.33	270	7650	11.10	-3.62	11.68	288	8650	13.48	4.10	14.09	253
6675	5.97	-0.12	5.97	271	7675	11.03	-3.49	11.57	287	8675	13.93	4.55	14.65	252
6700	6.67	-0.09	6.67	271	7700	10.63	-3.50	11.19	288	8700	14.64	4.71	15.38	252
6725	7.17	-0.13	7.17	271	7725	10.12	-3.54	10.72	289	8725	14.80	4.30	15.41	254
6750	7.69	-0.13	7.69	271	7750	9.85	-3.52	10.46	289	8750	14.60	3.86	15.11	255
6775	8.16	-0.32	8.17	272	7775	9.55	-3.42	10.15	290	8775	14.65	3.39	15.04	257
6800	8.53	-0.52	8.55	273	7800	9.41	-3.24	9.95	289	8800	14.44	3.09	14.76	258
6825	8.87	-0.51	8.88	273	7825	9.47	-3.09	9.96	288	8825	14.10	3.06	14.42	258
6850	9.10	-0.63	9.12	274	7850	9.50	-3.07	9.98	288	8850	14.00	2.99	14.32	258
6875	9.50	-0.81	9.54	275	7875	9.73	-3.06	10.20	287	8875	14.01	2.72	14.27	259
6900	9.89	-0.96	9.94	275	7900	10.06	-2.91	10.47	286	8900	14.03	2.33	14.22	260
6925	10.02	-1.42	10.12	278	7925	10.49	-2.62	10.81	284	8925	14.18	2.03	14.32	262
6950	10.30	-1.92	10.48	280	7950	11.01	-2.29	11.25	282	8950	14.47	1.91	14.59	262
6975	10.68	-2.33	10.93	282	7975	11.28	-2.17	11.49	281	8975	14.66	1.96	14.79	262
7000	10.77	-2.78	11.13	284	8000	11.37	-2.43	11.62	282	9000	14.73	2.17	14.89	261
7025	10.78	-2.97	11.18	285	8025	11.75	-2.78	12.07	283	9025	14.82	2.41	15.02	261
7050	10.77	-3.12	11.22	286	8050	12.53	-2.96	12.88	283	9050	14.98	2.46	15.18	261
7075	10.91	-3.07	11.33	286	8075	12.95	-3.00	13.29	283	9075	15.13	2.51	15.33	260
7100	11.04	-2.92	11.42	285	8100	12.74	-3.05	13.10	283	9100	15.38	2.84	15.64	259
7125	11.09	-3.02	11.50	285	8125	12.52	-2.96	12.87	283	9125	15.57	3.25	15.91	258

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2508 04/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9150	15.77	3.46	16.15	257	10150	19.07	1.40	19.13	266	11150	25.76	-5.33	26.31	282
9175	15.91	3.49	16.29	257	10175	19.03	1.49	19.09	265	11175	25.92	-5.42	26.48	282
9200	15.86	3.06	16.15	259	10200	18.96	1.52	19.02	265	11200	26.22	-5.38	26.77	281
9225	15.87	2.43	16.06	261	10225	19.19	1.50	19.24	265	11225	26.56	-5.47	27.12	281
9250	15.89	2.19	16.04	262	10250	19.58	1.76	19.66	265	11250	26.87	-5.56	27.44	282
9275	16.00	2.04	16.13	263	10275	19.68	2.05	19.79	264	11275	27.11	-5.63	27.69	282
9300	15.94	1.90	16.06	263	10300	19.69	2.22	19.81	263	11300	27.19	-5.75	27.79	282
9325	15.94	1.81	16.04	263	10325	19.69	2.31	19.82	263	11325	27.32	-5.74	27.92	282
9350	15.85	1.59	15.93	264	10350	19.51	2.20	19.64	263	11350	27.17	-5.70	27.76	282
9375	15.62	1.42	15.69	265	10375	19.55	1.94	19.65	264	11375	26.85	-5.76	27.46	282
9400	15.44	1.10	15.48	266	10400	19.83	1.58	19.89	265	11400	26.54	-5.66	27.14	282
9425	15.17	0.79	15.19	267	10425	20.15	1.31	20.20	266	11425	26.45	-5.54	27.02	282
9450	15.09	0.68	15.10	267	10450	20.39	0.88	20.41	267	11450	26.43	-5.42	26.98	281
9475	15.37	0.57	15.38	268	10475	20.44	0.56	20.45	268	11475	26.40	-5.38	26.94	281
9500	15.63	0.36	15.63	269	10500	20.59	0.21	20.59	269	11500	26.08	-5.33	26.62	281
9525	15.58	0.09	15.58	269	10525	20.76	-0.24	20.76	270	11525	25.72	-5.29	26.25	281
9550	15.55	-0.12	15.55	270	10550	20.90	-0.49	20.91	271	11550	25.41	-5.32	25.96	282
9575	15.74	-0.35	15.74	271	10575	21.20	-0.93	21.22	272	11575	24.85	-5.41	25.44	282
9600	15.97	-0.57	15.98	272	10600	21.35	-1.24	21.38	273	11600	24.62	-5.64	25.26	283
9625	16.17	-0.79	16.19	273	10625	21.20	-1.32	21.24	273	11625	24.47	-5.46	25.07	282
9650	16.58	-0.74	16.60	272	10650	21.24	-1.41	21.28	274	11650	24.42	-5.00	24.93	281
9675	16.94	-0.76	16.95	272	10675	21.44	-1.52	21.49	274	11675	24.43	-4.86	24.91	281
9700	16.92	-0.96	16.95	273	10700	21.78	-1.86	21.86	275	11700	24.31	-4.71	24.76	281
9725	17.09	-1.15	17.13	274	10725	22.17	-2.33	22.29	276	11725	24.18	-4.42	24.58	280
9750	17.59	-1.18	17.63	274	10750	22.52	-2.62	22.68	276	11750	23.98	-4.15	24.34	280
9775	18.25	-1.05	18.28	273	10775	22.74	-2.83	22.92	277	11775	23.86	-3.78	24.16	279
9800	18.61	-1.03	18.64	273	10800	22.67	-3.25	22.90	278	11800	23.73	-3.49	23.99	278
9825	19.01	-0.88	19.03	272	10825	23.01	-3.56	23.29	279	11825	23.49	-3.01	23.68	277
9850	19.58	-0.56	19.58	271	10850	23.44	-3.61	23.72	279	11850	23.00	-2.29	23.11	276
9875	19.67	-0.25	19.67	271	10875	23.63	-3.40	23.87	278	11875	22.44	-1.69	22.50	274
9900	19.58	0.16	19.58	269	10900	23.92	-3.39	24.16	278	11900	22.38	-1.22	22.42	273
9925	19.43	0.59	19.44	268	10925	24.17	-3.82	24.47	279	11925	22.56	-0.56	22.57	271
9950	19.19	0.78	19.21	267	10950	24.53	-4.05	24.86	279	11950	22.70	0.12	22.70	270
9975	19.21	0.94	19.23	267	10975	24.68	-4.06	25.01	279	11975	22.84	0.58	22.84	268
10000	19.30	1.16	19.33	266	11000	24.74	-4.27	25.11	280	12000	22.88	0.89	22.90	268
10025	19.07	1.39	19.12	266	11025	25.00	-4.65	25.42	280	12025	22.61	1.05	22.63	267
10050	19.09	1.57	19.15	265	11050	25.00	-4.86	25.47	281	12050	22.41	1.29	22.45	267
10075	19.29	1.68	19.36	265	11075	25.14	-4.87	25.60	281	12075	22.56	1.47	22.61	266
10100	19.17	1.66	19.24	265	11100	25.46	-5.06	25.96	281	12100	22.85	1.80	22.92	265
10125	19.07	1.47	19.13	265	11125	25.62	-5.27	26.16	281	12125	23.58	2.16	23.68	265

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2508 04/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12150	24.34	2.10	24.43	265	13150	24.79	-1.16	24.82	273	14150	19.42	-6.59	20.51	289
12175	24.67	1.72	24.73	266	13175	24.23	-0.89	24.24	272	14175	19.39	-6.40	20.41	288
12200	25.12	1.37	25.15	267	13200	23.87	-0.91	23.88	272	14200	19.45	-6.15	20.39	287
12225	25.66	1.24	25.69	267	13225	23.45	-0.84	23.47	272	14225	19.36	-5.98	20.26	287
12250	26.14	1.03	26.16	268	13250	23.09	-1.28	23.12	273	14250	19.14	-5.91	20.03	287
12275	26.33	0.76	26.34	268	13275	22.98	-1.82	23.05	274	14275	19.14	-5.75	19.99	287
12300	26.57	0.41	26.58	269	13300	22.54	-2.09	22.64	275	14300	19.42	-5.82	20.27	286
12325	26.77	-0.19	26.77	270	13325	22.07	-2.44	22.20	276	14325	19.45	-6.11	20.39	287
12350	26.92	-0.37	26.92	271	13350	21.77	-2.87	21.96	277	14350	19.69	-6.56	20.76	288
12375	27.12	-0.89	27.13	272	13375	21.36	-3.23	21.60	278	14375	20.02	-6.67	21.10	288
12400	27.12	-1.47	27.16	273	13400	20.69	-3.28	20.95	279	14400	19.92	-7.09	21.15	289
12425	27.28	-1.37	27.32	273	13425	20.15	-3.31	20.42	279	14425	19.61	-7.85	21.12	292
12450	27.45	-1.74	27.51	273	13450	20.27	-3.83	20.63	281	14450	19.41	-7.43	20.78	291
12475	27.60	-2.54	27.71	275	13475	20.58	-4.21	21.00	281	14475	19.20	-6.75	20.35	289
12500	27.86	-3.49	28.07	277	13500	20.94	-4.35	21.39	282	14500	18.55	-6.38	19.62	289
12525	28.03	-4.10	28.32	278	13525	21.38	-4.45	21.84	282	14525	18.10	-5.98	19.06	288
12550	28.35	-4.67	28.73	279	13550	21.65	-4.44	22.10	281	14550	17.81	-5.77	18.72	288
12575	28.40	-5.08	28.85	280	13575	22.69	-5.31	23.30	283	14575	17.13	-5.67	18.04	288
12600	27.87	-5.10	28.34	280	13600	23.58	-6.04	24.34	284	14600	16.79	-5.33	17.62	287
12625	27.31	-5.27	27.81	281	13625	24.57	-5.74	25.23	283	14625	16.72	-4.55	17.33	285
12650	27.00	-5.21	27.50	281	13650	25.53	-5.50	26.11	282	14650	16.57	-4.01	17.05	283
12675	26.62	-4.90	27.07	280	13675	25.75	-5.61	26.35	282	14675	16.43	-4.14	16.95	284
12700	26.07	-4.56	26.46	280	13700	26.25	-5.75	26.87	282	14700	16.74	-4.03	17.22	283
12725	25.79	-4.34	26.15	279	13725	26.90	-5.52	27.46	281	14725	16.84	-3.83	17.27	283
12750	25.39	-4.31	25.75	279	13750	27.30	-5.62	27.88	281	14750	16.34	-3.20	16.65	281
12775	24.80	-3.82	25.09	279	13775	27.03	-6.08	27.71	282	14775	16.00	-2.36	16.18	278
12800	24.34	-2.96	24.52	277	13800	26.35	-6.30	27.09	283	14800	15.88	-1.99	16.01	277
12825	24.35	-2.03	24.43	275	13825	26.04	-6.30	26.79	283	14825	15.90	-1.86	16.01	276
12850	24.62	-1.31	24.65	273	13850	25.58	-6.52	26.40	284	14850	15.82	-1.61	15.90	276
12875	24.56	-0.74	24.57	272	13875	25.05	-6.84	25.97	285	14875	15.67	-1.46	15.73	275
12900	24.57	-1.04	24.60	272	13900	24.57	-6.74	25.48	285	14900	15.52	-1.34	15.58	275
12925	24.65	-1.73	24.71	274	13925	24.00	-6.84	24.96	286	14925	15.38	-1.02	15.42	274
12950	24.55	-2.38	24.66	275	13950	22.95	-7.24	24.06	287	14950	15.30	-0.55	15.31	272
12975	24.39	-2.89	24.56	277	13975	22.21	-7.52	23.44	289	14975	15.30	-0.59	15.31	272
13000	24.00	-3.33	24.23	278	14000	21.60	-7.46	22.85	289	15000	14.90	-1.11	14.94	274
13025	23.74	-3.67	24.02	279	14025	21.22	-7.18	22.40	289	15025	14.74	-0.38	14.74	271
13050	23.84	-3.51	24.10	278	14050	20.79	-6.84	21.89	288	15050	14.71	0.11	14.72	269
13075	23.89	-2.94	24.07	277	14075	20.10	-6.75	21.21	288	15075	14.54	0.66	14.56	267
13100	23.98	-2.47	24.11	276	14100	19.44	-6.69	20.56	289	15100	14.36	1.31	14.42	265
13125	24.55	-1.91	24.63	274	14125	19.35	-6.54	20.43	288	15125	14.43	1.55	14.52	264

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2508 04/25/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15150	14.52	1.95	14.65	262	16150	14.14	-4.53	14.85	288	17150	4.76	-2.90	5.58	301
15175	14.72	2.45	14.93	260	16175	13.87	-4.51	14.58	288	17175	4.04	-3.47	5.33	311
15200	15.02	2.66	15.26	260	16200	13.22	-4.13	13.85	287	17200	3.71	-3.75	5.27	315
15225	15.19	2.74	15.44	260	16225	12.60	-3.70	13.13	286	17225	3.46	-3.49	4.92	315
15250	15.62	2.80	15.87	260	16250	12.44	-3.67	12.97	286	17250	3.32	-3.32	4.70	315
15275	15.80	3.03	16.09	259	16275	11.86	-3.37	12.33	286	17275	3.60	-3.80	5.23	316
15300	15.79	3.08	16.09	259	16300	11.00	-2.60	11.30	283	17300	3.59	-3.99	5.37	318
15325	16.10	2.81	16.34	260	16325	10.45	-1.81	10.61	280	17325	3.31	-4.01	5.20	320
15350	16.29	2.68	16.51	260	16350	9.97	-1.61	10.10	279	17350	3.46	-3.87	5.19	318
15375	16.59	2.31	16.75	262	16375	9.61	-1.02	9.66	276	17375	3.78	-3.49	5.14	313
15400	16.72	2.32	16.88	262	16400	9.61	-0.62	9.63	274					
15425	17.40	2.75	17.62	261	16425	9.60	-0.72	9.63	274					
15450	18.32	3.01	18.57	260	16450	9.40	-1.12	9.46	277					
15475	18.85	2.53	19.02	262	16475	8.87	-1.21	8.95	278					
15500	19.38	2.57	19.55	262	16500	8.52	-0.90	8.56	276					
15525	19.77	2.46	19.92	263	16525	8.39	-0.69	8.42	275					
15550	20.03	1.69	20.10	265	16550	8.17	-0.89	8.21	276					
15575	20.21	1.20	20.25	266	16575	8.13	-1.62	8.29	281					
15600	20.03	0.21	20.04	269	16600	7.92	-1.42	8.04	280					
15625	19.30	-0.86	19.32	272	16625	7.60	-0.92	7.66	277					
15650	18.26	-1.86	18.35	276	16650	7.26	-0.67	7.29	275					
15675	17.10	-1.81	17.20	276	16675	6.94	-0.24	6.95	272					
15700	16.96	-1.63	17.04	275	16700	6.96	-0.14	6.97	271					
15725	17.76	-2.09	17.89	277	16725	6.78	-0.31	6.79	272					
15750	18.15	-2.75	18.36	278	16750	6.64	-0.34	6.65	273					
15775	18.68	-3.13	18.94	279	16775	6.82	-0.16	6.82	271					
15800	19.11	-3.04	19.35	279	16800	6.97	-0.29	6.98	272					
15825	19.18	-3.10	19.43	279	16825	7.11	-0.48	7.13	274					
15850	19.71	-3.57	20.03	280	16850	6.94	-0.37	6.95	273					
15875	19.86	-3.65	20.25	281	16875	7.02	-0.35	7.03	273					
15900	19.87	-4.05	20.28	281	16900	7.29	-0.39	7.30	273					
15925	19.97	-4.53	20.48	283	16925	7.25	-1.08	7.33	278					
15950	19.56	-4.50	20.07	283	16950	6.99	-1.36	7.12	281					
15975	18.98	-4.72	19.56	284	16975	6.51	-1.63	6.71	284					
16000	18.62	-5.93	19.54	287	17000	6.34	-2.14	6.69	288					
16025	18.13	-6.24	19.18	289	17025	6.00	-2.17	6.38	290					
16050	17.41	-5.71	18.32	288	17050	5.78	-2.05	6.13	289					
16075	16.43	-5.42	17.30	288	17075	5.66	-2.09	6.03	290					
16100	14.44	-5.03	15.29	289	17100	5.81	-2.92	6.50	296					
16125	13.72	-4.72	14.51	289	17125	5.62	-2.91	6.33	297					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-94

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2573 04/26/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
350	-6.22	2.43	6.68	111	1350	-1.85	-0.11	1.85	86	2350	-1.94	-1.51	2.46	52
375	-6.19	2.44	6.65	111	1375	-1.48	-0.17	1.48	83	2375	-2.31	-1.64	2.84	55
400	-6.07	2.39	6.53	111	1400	-1.20	-0.41	1.27	71	2400	-2.97	-1.75	3.44	59
425	-5.75	2.27	6.18	111	1425	-1.29	-0.89	1.57	55	2425	-3.61	-1.79	4.03	63
450	-5.57	2.13	5.97	111	1450	-1.34	-1.11	1.74	50	2450	-4.05	-1.87	4.46	65
475	-5.27	1.87	5.59	109	1475	-1.32	-0.85	1.58	57	2475	-4.39	-1.98	4.82	66
500	-5.08	1.70	5.36	108	1500	-1.28	-0.48	1.36	69	2500	-4.65	-1.91	5.03	67
525	-5.09	1.74	5.38	109	1525	-1.12	0.01	1.12	90	2525	-4.80	-1.82	5.14	69
550	-5.10	1.76	5.39	109	1550	-0.92	0.51	1.05	119	2550	-4.80	-1.64	5.07	71
575	-5.21	1.88	5.53	110	1575	-0.96	0.53	1.10	119	2575	-4.85	-1.45	5.07	73
600	-5.14	1.94	5.50	110	1600	-1.18	0.25	1.20	102	2600	-5.15	-1.40	5.33	75
625	-5.27	1.85	5.58	109	1625	-1.43	-0.10	1.43	86	2625	-5.44	-1.36	5.60	76
650	-5.43	1.94	5.77	109	1650	-1.55	-0.35	1.59	77	2650	-5.56	-1.28	5.70	77
675	-5.48	1.88	5.79	109	1675	-1.65	-0.57	1.75	71	2675	-5.70	-1.21	5.82	78
700	-5.63	1.84	5.92	108	1700	-1.76	-0.93	1.99	62	2700	-5.81	-1.11	5.92	79
725	-5.56	2.07	5.93	110	1725	-1.80	-1.15	2.14	57	2725	-5.76	-1.10	5.86	79
750	-5.46	2.04	5.83	110	1750	-1.81	-1.04	2.09	60	2750	-5.60	-1.16	5.72	78
775	-5.57	1.95	5.91	109	1775	-1.63	-0.89	1.86	61	2775	-5.42	-1.28	5.57	77
800	-5.48	2.10	5.87	111	1800	-1.45	-0.88	1.69	58	2800	-5.04	-1.61	5.29	72
825	-5.48	2.07	5.86	111	1825	-1.41	-0.86	1.65	58	2825	-4.60	-2.01	5.02	66
850	-5.46	1.87	5.77	109	1850	-1.34	-0.81	1.57	59	2850	-4.38	-2.23	4.91	63
875	-5.13	1.51	5.35	106	1875	-1.39	-0.59	1.52	67	2875	-4.18	-2.13	4.69	63
900	-4.94	1.40	5.13	106	1900	-1.45	-0.55	1.55	69	2900	-4.07	-1.89	4.49	65
925	-4.79	1.66	5.07	109	1925	-1.48	-0.78	1.67	62	2925	-4.03	-1.54	4.31	69
950	-4.26	1.67	4.58	111	1950	-1.57	-0.91	1.81	60	2950	-3.91	-1.36	4.14	71
975	-4.10	1.54	4.38	110	1975	-1.75	-1.13	2.08	57	2975	-3.75	-1.36	3.99	70
1000	-4.66	1.64	4.94	109	2000	-1.96	-1.30	2.35	56	3000	-3.60	-1.28	3.82	70
1025	-5.47	1.83	5.77	108	2025	-2.09	-1.24	2.43	59	3025	-3.56	-1.24	3.77	71
1050	-5.92	1.61	6.14	105	2050	-2.28	-1.16	2.56	63	3050	-3.63	-1.15	3.81	72
1075	-5.63	0.95	5.71	99	2075	-2.44	-1.01	2.64	67	3075	-3.77	-0.92	3.88	76
1100	-5.42	0.49	5.44	95	2100	-2.55	-0.82	2.68	72	3100	-3.77	-0.74	3.84	79
1125	-5.39	0.59	5.42	96	2125	-2.54	-0.77	2.66	73	3125	-3.69	-0.72	3.76	79
1150	-4.96	0.81	5.03	99	2150	-2.41	-0.75	2.52	73	3150	-3.71	-0.74	3.78	78
1175	-4.28	0.91	4.37	102	2175	-2.30	-0.78	2.43	71	3175	-3.61	-0.61	3.66	80
1200	-3.86	1.26	4.06	108	2200	-2.17	-0.80	2.32	70	3200	-3.49	-0.59	3.54	80
1225	-3.85	1.58	4.16	112	2225	-1.97	-0.67	2.08	71	3225	-3.44	-0.87	3.55	76
1250	-3.81	1.57	4.12	112	2250	-1.73	-0.66	1.85	69	3250	-3.38	-1.22	3.59	70
1275	-3.11	1.15	3.32	110	2275	-1.49	-0.72	1.66	64	3275	-3.41	-1.63	3.78	64
1300	-2.38	0.54	2.44	103	2300	-1.28	-0.91	1.57	54	3300	-3.74	-1.85	4.17	63
1325	-2.03	0.10	2.03	93	2325	-1.51	-1.24	1.96	50	3325	-4.06	-1.98	4.52	64

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2573 04/26/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3350	-4.10	-2.15	4.63	62	4350	-6.00	-2.13	6.37	70	5350	-1.67	-0.06	1.67	88
3375	-3.95	-2.35	4.59	59	4375	-6.14	-2.12	6.50	71	5375	-1.67	-0.17	1.68	84
3400	-3.69	-2.44	4.43	56	4400	-6.20	-2.16	6.56	71	5400	-1.59	-0.18	1.60	83
3425	-3.63	-2.57	4.45	54	4425	-6.13	-2.18	6.51	70	5425	-1.47	-0.05	1.47	88
3450	-3.64	-2.65	4.50	54	4450	-6.10	-2.20	6.49	70	5450	-1.37	0.23	1.38	99
3475	-3.61	-2.44	4.36	56	4475	-6.02	-2.18	6.41	70	5475	-1.35	0.48	1.43	109
3500	-3.61	-2.16	4.21	59	4500	-5.99	-1.99	6.31	71	5500	-1.35	0.61	1.48	114
3525	-3.57	-1.76	3.98	64	4525	-5.93	-1.66	6.16	74	5525	-1.40	0.65	1.55	115
3550	-3.40	-1.34	3.65	68	4550	-5.88	-1.40	6.04	76	5550	-1.35	0.91	1.63	124
3575	-3.45	-1.06	3.61	73	4575	-5.90	-1.23	6.03	78	5575	-1.24	1.13	1.68	132
3600	-3.63	-0.74	3.71	78	4600	-5.73	-0.97	5.81	80	5600	-1.24	1.06	1.63	130
3625	-3.54	-0.41	3.57	83	4625	-5.42	-0.86	5.49	81	5625	-1.26	1.02	1.62	129
3650	-3.53	-0.31	3.54	85	4650	-5.16	-0.98	5.26	79	5650	-1.36	0.86	1.60	122
3675	-3.64	-0.38	3.66	84	4675	-5.13	-1.01	5.23	79	5675	-1.56	0.47	1.62	106
3700	-3.67	-0.57	3.72	81	4700	-5.36	-0.84	5.43	81	5700	-1.72	0.08	1.73	93
3725	-3.75	-0.92	3.86	76	4725	-5.55	-0.69	5.59	83	5725	-1.81	-0.25	1.83	82
3750	-3.81	-1.19	3.99	72	4750	-5.58	-0.62	5.61	83	5750	-1.92	-0.40	1.96	78
3775	-3.75	-1.28	3.96	71	4775	-5.51	-0.51	5.53	85	5775	-2.03	-0.48	2.08	77
3800	-3.79	-1.55	4.09	68	4800	-5.25	-0.50	5.27	84	5800	-1.89	-0.55	1.97	74
3825	-3.94	-1.81	4.34	65	4825	-4.94	-0.70	4.99	82	5825	-1.79	-0.51	1.86	74
3850	-4.10	-1.95	4.54	64	4850	-4.63	-0.85	4.71	79	5850	-1.87	-0.28	1.90	81
3875	-4.22	-2.26	4.79	62	4875	-4.25	-0.92	4.35	78	5875	-1.78	-0.12	1.78	86
3900	-4.38	-2.57	5.08	59	4900	-3.84	-1.26	4.05	72	5900	-1.54	-0.05	1.54	88
3925	-4.54	-2.73	5.30	59	4925	-3.80	-1.73	4.17	65	5925	-1.35	0.07	1.35	93
3950	-4.55	-2.88	5.38	57	4950	-4.01	-1.90	4.44	64	5950	-1.16	0.40	1.23	109
3975	-4.56	-3.02	5.47	56	4975	-3.83	-1.90	4.27	63	5975	-0.98	0.89	1.32	132
4000	-4.62	-3.11	5.57	56	5000	-3.43	-1.81	3.88	62	6000	-0.63	1.38	1.52	155
4025	-4.58	-3.19	5.59	55	5025	-3.07	-1.73	3.52	60	6025	-0.29	1.67	1.69	170
4050	-4.68	-3.34	5.75	54	5050	-2.79	-1.50	3.17	62	6050	-0.18	1.59	1.60	173
4075	-4.93	-3.30	5.93	56	5075	-2.57	-0.94	2.74	70	6075	-0.23	1.41	1.43	171
4100	-5.11	-2.92	5.89	60	5100	-2.33	-0.56	2.40	76	6100	-0.19	1.33	1.35	171
4125	-5.19	-2.55	5.78	64	5125	-1.99	-0.63	2.08	72	6125	0.05	1.34	1.34	182
4150	-5.33	-2.35	5.82	66	5150	-1.53	-0.85	1.75	61	6150	0.29	1.30	1.33	192
4175	-5.46	-2.24	5.90	68	5175	-1.18	-0.95	1.52	51	6175	0.32	1.17	1.21	195
4200	-5.51	-2.19	5.93	68	5200	-1.08	-0.82	1.36	53	6200	0.34	1.12	1.17	197
4225	-5.62	-2.00	5.97	70	5225	-1.15	-0.67	1.33	59	6225	0.34	1.19	1.24	196
4250	-5.67	-1.63	5.90	74	5250	-1.32	-0.64	1.47	64	6250	0.23	1.23	1.25	190
4275	-5.73	-1.44	5.91	76	5275	-1.47	-0.52	1.56	70	6275	0.28	1.28	1.31	192
4300	-5.77	-1.70	6.02	73	5300	-1.60	-0.27	1.62	80	6300	0.42	1.32	1.39	198
4325	-5.86	-2.06	6.21	70	5325	-1.65	-0.05	1.65	88	6325	0.49	1.36	1.44	200

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TEST NUMBER 2573 04/26/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6350	0.51	1.31	1.40	201	7350	2.87	0.69	2.96	256	8350	4.81	0.39	4.82	265
6375	0.64	1.25	1.40	207	7375	2.97	0.65	3.04	258	8375	4.98	0.39	5.00	265
6400	0.94	1.28	1.59	216	7400	3.02	0.79	3.12	255	8400	5.13	0.45	5.15	265
6425	1.34	1.15	1.76	229	7425	2.90	0.95	3.06	252	8425	5.17	0.70	5.21	262
6450	1.85	0.86	2.03	245	7450	2.64	0.75	2.75	254	8450	5.21	1.05	5.31	258
6475	2.32	0.82	2.46	250	7475	2.43	0.31	2.45	263	8475	5.54	1.29	5.69	257
6500	2.45	1.21	2.73	243	7500	2.21	-0.06	2.21	271	8500	5.97	1.25	6.10	258
6525	2.30	1.72	2.87	233	7525	1.82	-0.59	1.92	288	8525	6.25	0.96	6.33	261
6550	2.22	1.99	2.98	228	7550	1.61	-1.17	1.99	306	8550	6.50	0.53	6.52	265
6575	2.40	2.17	3.23	228	7575	1.64	-1.33	2.11	309	8575	6.90	0.10	6.90	269
6600	2.87	2.45	3.77	229	7600	1.74	-1.22	2.12	305	8600	7.20	-0.17	7.21	271
6625	3.04	2.78	4.12	227	7625	1.95	-1.19	2.29	301	8625	7.16	-0.31	7.17	272
6650	2.86	3.11	4.23	222	7650	2.05	-1.24	2.39	301	8650	6.79	-0.52	6.81	274
6675	2.74	3.24	4.25	220	7675	2.02	-1.18	2.33	300	8675	6.47	-0.98	6.54	278
6700	2.63	3.20	4.14	219	7700	1.89	-1.03	2.15	299	8700	6.35	-1.44	6.51	283
6725	2.58	3.08	4.02	220	7725	1.75	-1.03	2.03	300	8725	6.38	-1.77	6.62	285
6750	2.72	3.05	4.09	222	7750	1.79	-1.07	2.08	301	8750	6.29	-2.24	6.67	289
6775	2.83	3.14	4.23	222	7775	1.88	-1.01	2.13	298	8775	6.03	-2.72	6.61	294
6800	2.77	3.11	4.16	222	7800	1.99	-1.00	2.23	297	8800	5.83	-3.03	6.57	297
6825	2.63	2.99	3.98	221	7825	2.25	-0.94	2.44	293	8825	5.58	-3.44	6.56	301
6850	2.46	2.75	3.69	222	7850	2.44	-0.84	2.58	289	8850	5.56	-3.61	6.62	303
6875	2.23	2.35	3.24	223	7875	2.40	-0.80	2.53	288	8875	5.96	-3.15	6.75	298
6900	2.24	2.08	3.05	227	7900	2.43	-0.68	2.52	285	8900	6.60	-2.65	7.11	292
6925	2.64	2.04	3.34	232	7925	2.74	-0.68	2.82	284	8925	6.97	-2.28	7.33	288
6950	2.82	2.16	3.55	232	7950	3.06	-0.82	3.17	285	8950	7.15	-1.98	7.42	285
6975	2.87	2.21	3.62	232	7975	3.14	-0.96	3.29	287	8975	7.46	-2.02	7.73	285
7000	2.98	2.26	3.74	233	8000	3.24	-0.95	3.38	286	9000	7.87	-1.94	8.10	284
7025	3.13	2.43	3.96	232	8025	3.37	-0.86	3.48	284	9025	8.22	-1.36	8.33	279
7050	3.41	2.46	4.21	234	8050	3.49	-0.79	3.58	282	9050	8.43	-1.19	8.51	278
7075	3.79	2.29	4.43	239	8075	3.55	-0.73	3.62	281	9075	8.61	-1.12	8.69	277
7100	3.99	2.15	4.53	241	8100	3.62	-0.67	3.68	280	9100	8.85	-0.73	8.88	275
7125	3.95	1.93	4.39	244	8125	3.69	-0.47	3.72	277	9125	9.01	-0.79	9.05	275
7150	3.77	1.57	4.09	247	8150	3.70	-0.24	3.70	274	9150	9.08	-1.19	9.16	277
7175	3.42	1.18	3.62	251	8175	3.71	-0.15	3.72	272	9175	9.12	-1.38	9.22	278
7200	3.24	0.99	3.39	253	8200	3.72	-0.03	3.72	270	9200	8.89	-1.43	9.01	279
7225	3.24	0.87	3.35	255	8225	3.73	0.16	3.73	267	9225	8.46	-1.30	8.56	279
7250	3.32	0.78	3.41	257	8250	3.86	0.30	3.87	265	9250	8.23	-1.29	8.33	279
7275	3.35	0.80	3.45	256	8275	4.14	0.31	4.15	266	9275	8.05	-1.43	8.18	280
7300	3.21	0.81	3.31	256	8300	4.29	0.17	4.30	267	9300	7.89	-1.33	8.00	279
7325	3.00	0.82	3.11	255	8325	4.48	0.22	4.49	267	9325	7.78	-1.35	7.90	280

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2573 04/26/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9350	7.69	-1.41	7.81	280	10350	13.57	-3.63	14.05	285	11350	17.10	0.66	17.11	268
9375	7.66	-1.38	7.78	280	10375	13.69	-3.32	14.09	283	11375	17.10	0.76	17.11	267
9400	7.54	-1.24	7.65	279	10400	14.07	-2.97	14.38	282	11400	17.12	0.98	17.15	267
9425	7.45	-1.14	7.54	279	10425	14.60	-2.93	14.89	281	11425	17.03	1.31	17.08	265
9450	7.51	-1.13	7.59	278	10450	15.14	-2.96	15.43	281	11450	16.95	1.56	17.02	265
9475	7.48	-1.01	7.54	277	10475	15.52	-2.72	15.76	280	11475	17.03	1.47	17.09	265
9500	7.34	-0.84	7.39	276	10500	15.52	-2.36	15.70	278	11500	17.25	1.18	17.29	266
9525	7.36	-0.78	7.40	276	10525	15.24	-2.16	15.39	278	11525	17.55	0.96	17.57	267
9550	7.54	-1.20	7.63	279	10550	15.05	-2.05	15.19	278	11550	17.80	1.12	17.83	266
9575	7.83	-1.90	8.06	283	10575	15.22	-2.04	15.36	277	11575	17.86	1.27	17.91	266
9600	8.12	-2.66	8.54	288	10600	15.51	-2.27	15.67	278	11600	17.93	1.42	17.98	265
9625	8.35	-3.27	8.96	291	10625	15.75	-2.31	15.92	278	11625	17.99	1.56	18.06	265
9650	8.61	-3.45	9.28	292	10650	16.14	-2.32	16.30	278	11650	18.06	1.71	18.14	264
9675	8.72	-3.42	9.37	291	10675	16.40	-2.44	16.58	278	11675	18.13	1.85	18.22	264
9700	8.74	-3.51	9.42	292	10700	16.71	-2.60	16.91	279	11700	18.19	2.00	18.30	264
9725	8.90	-3.87	9.71	293	10725	17.02	-2.74	17.24	279	11725	18.26	2.14	18.38	263
9750	9.15	-4.17	10.06	294	10750	17.24	-2.65	17.44	279	11750	18.33	2.29	18.47	263
9775	9.31	-4.24	10.23	294	10775	17.46	-2.63	17.65	278	11775	18.39	2.43	18.55	262
9800	9.32	-4.43	10.32	295	10800	17.62	-2.69	17.82	278	11800	18.46	2.58	18.64	262
9825	9.32	-4.65	10.42	296	10825	17.76	-2.60	17.95	278	11825	18.52	2.72	18.72	261
9850	9.32	-4.80	10.48	297	10850	17.62	-2.39	17.78	278	11850	18.59	2.87	18.81	261
9875	9.70	-4.94	10.89	297	10875	17.35	-2.15	17.48	277	11875	18.66	3.01	18.90	261
9900	10.07	-4.87	11.19	296	10900	17.22	-1.91	17.33	276	11900	18.72	3.16	18.99	260
9925	10.18	-4.88	11.29	295	10925	17.16	-1.65	17.24	275	11925	18.79	3.30	19.08	260
9950	10.26	-5.15	11.48	296	10950	17.07	-1.45	17.13	275	11950	18.86	3.45	19.17	259
9975	10.31	-5.34	11.62	297	10975	16.96	-1.20	17.00	274	11975	18.92	3.59	19.26	259
10000	10.64	-5.21	11.85	296	11000	16.93	-0.84	16.95	273	12000	18.99	3.74	19.35	259
10025	10.97	-4.92	12.03	294	11025	16.92	-0.58	16.93	272	12025	19.06	3.88	19.45	258
10050	11.36	-4.91	12.38	293	11050	16.95	-0.41	16.95	271	12050	19.12	4.03	19.54	258
10075	11.87	-5.22	12.97	294	11075	17.01	-0.28	17.01	271	12075	19.19	4.18	19.64	258
10100	12.29	-5.51	13.47	294	11100	17.04	-0.31	17.04	271	12100	19.25	4.32	19.73	257
10125	12.64	-5.45	13.77	293	11125	17.02	-0.26	17.02	271	12125	19.32	4.47	19.83	257
10150	12.78	-5.32	13.85	292	11150	17.05	-0.14	17.05	270	12150	19.39	4.61	19.93	256
10175	12.93	-5.26	13.96	292	11175	17.17	-0.11	17.17	270	12175	19.45	4.76	20.03	256
10200	13.07	-5.17	14.06	291	11200	17.17	-0.04	17.17	270	12200	19.52	4.90	20.13	256
10225	13.14	-5.09	14.09	291	11225	17.17	0.06	17.17	270	12225	19.59	5.05	20.23	255
10250	13.22	-5.00	14.14	291	11250	17.22	0.18	17.22	269	12250	19.65	5.19	20.33	255
10275	13.18	-4.84	14.04	290	11275	17.18	0.29	17.19	269	12275	19.72	5.34	20.43	255
10300	13.26	-4.44	13.98	288	11300	17.08	0.54	17.09	268	12300	19.78	5.48	20.53	254
10325	13.47	-3.96	14.04	286	11325	17.10	0.71	17.12	267	12325	19.85	5.63	20.63	254

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-94 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2573 04/26/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12350	19.92	5.77	20.74	254	13350	18.23	0.04	18.23	270	14350	25.82	-1.87	25.89	274
12375	19.70	5.92	20.57	253	13375	17.94	0.06	17.95	270	14375	25.74	-2.70	25.88	276
12400	19.86	6.24	20.81	252	13400	17.51	0.17	17.51	269	14400	25.46	-2.95	25.63	276
12425	20.31	6.50	21.32	252	13425	17.29	0.55	17.30	268	14425	25.26	-2.73	25.41	276
12450	20.67	6.52	21.68	252	13450	17.46	1.22	17.50	266	14450	25.27	-2.61	25.40	276
12475	21.19	6.49	22.16	253	13475	17.40	1.74	17.48	264	14475	25.16	-2.51	25.29	275
12500	21.67	6.62	22.66	253	13500	17.17	2.22	17.31	262	14500	24.77	-2.17	24.87	275
12525	22.44	6.86	23.47	253	13525	17.16	2.63	17.36	261	14525	24.33	-2.09	24.42	275
12550	23.38	6.95	24.39	253	13550	17.44	3.03	17.70	260	14550	23.34	-2.46	23.47	276
12575	24.02	6.67	24.93	254	13575	17.94	3.48	18.27	259	14575	21.92	-3.20	22.15	278
12600	24.70	6.04	25.43	256	13600	18.69	3.89	19.09	258	14600	20.87	-3.73	21.20	280
12625	25.36	4.70	25.80	259	13625	19.62	4.38	20.10	257	14625	20.07	-4.09	20.48	281
12650	25.42	3.28	25.63	262	13650	20.22	4.98	20.82	256	14650	19.62	-4.75	20.19	283
12675	25.26	2.72	25.41	264	13675	20.55	5.37	21.24	255	14675	19.06	-5.04	19.72	285
12700	25.15	2.28	25.26	265	13700	21.06	5.58	21.79	255	14700	18.53	-4.84	19.15	284
12725	24.88	1.46	24.92	266	13725	21.82	5.65	22.54	255	14725	18.72	-4.48	19.25	283
12750	24.47	0.78	24.49	268	13750	22.62	5.41	23.26	256	14750	19.36	-3.88	19.75	281
12775	24.14	0.39	24.15	269	13775	23.33	4.97	23.85	258	14775	19.95	-3.74	20.30	280
12800	23.92	-0.02	23.92	270	13800	23.87	4.52	24.29	259	14800	20.12	-3.75	20.47	280
12825	23.82	-0.33	23.82	271	13825	24.52	4.04	24.85	260	14825	20.22	-3.64	20.55	280
12850	23.59	-0.66	23.60	271	13850	25.07	3.52	25.32	262	14850	20.75	-3.37	21.02	279
12875	23.05	-1.22	23.08	273	13875	25.51	3.77	25.78	261	14875	20.96	-3.32	21.22	279
12900	22.81	-1.90	22.89	275	13900	25.82	3.77	26.10	261	14900	21.46	-3.56	21.75	279
12925	22.63	-2.09	22.73	275	13925	25.92	3.00	26.10	263	14925	21.79	-3.52	22.07	279
12950	22.05	-1.99	22.14	275	13950	25.92	2.06	26.00	265	14950	21.31	-3.51	21.60	279
12975	21.79	-2.24	21.91	276	13975	25.62	1.01	25.64	268	14975	21.06	-3.69	21.38	280
13000	21.42	-2.69	21.59	277	14000	25.21	0.19	25.22	269	15000	20.98	-3.90	21.34	280
13025	20.91	-2.85	21.11	278	14025	24.68	-0.32	24.68	271	15025	21.16	-4.08	21.55	281
13050	20.67	-2.71	20.85	277	14050	24.34	-0.51	24.34	271	15050	21.28	-4.30	21.71	281
13075	20.35	-2.69	20.53	277	14075	24.06	-0.47	24.07	271	15075	21.14	-4.22	21.55	281
13100	19.92	-2.61	20.09	277	14100	23.76	-0.25	23.76	270	15100	20.89	-4.31	21.33	281
13125	19.51	-2.55	19.67	277	14125	23.62	-0.34	23.62	271	15125	20.55	-4.37	21.01	282
13150	19.27	-2.68	19.46	278	14150	23.46	-0.54	23.46	271	15150	19.82	-4.24	20.27	282
13175	18.81	-2.43	18.97	277	14175	23.36	-0.45	23.36	271	15175	19.25	-4.51	19.77	283
13200	18.52	-1.87	18.61	276	14200	23.22	-0.33	23.23	271	15200	19.09	-4.73	19.67	284
13225	18.83	-1.34	18.88	274	14225	23.45	-0.07	23.45	270	15225	18.64	-4.41	19.16	283
13250	19.00	-0.82	19.02	272	14250	24.52	0.09	24.52	270	15250	18.66	-3.82	19.05	281
13275	18.84	-0.59	18.85	272	14275	25.32	0.04	25.32	270	15275	18.73	-3.64	19.08	281
13300	18.71	-0.39	18.71	271	14300	25.85	0.07	25.85	270	15300	18.64	-3.67	19.00	281
13325	18.53	-0.08	18.53	270	14325	26.02	-0.61	26.03	271	15325	18.21	-3.27	18.50	280

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2573 04/26/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15350	17.39	-2.43	17.56	278	16350	16.27	-4.93	17.00	287					
15375	16.97	-2.02	17.09	277	16375	16.54	-4.18	17.06	284					
15400	16.27	-1.89	16.38	276	16400	17.10	-3.33	17.42	281					
15425	15.69	-1.38	15.75	275	16425	17.83	-2.79	18.05	279					
15450	16.07	-1.30	16.12	274	16450	18.23	-2.29	18.37	277					
15475	16.82	-1.52	16.89	275	16475	18.41	-2.14	18.54	276					
15500	16.83	-1.98	16.95	276	16500	19.03	-1.74	19.11	275					
15525	16.92	-2.05	17.04	277	16525	19.42	-1.61	19.48	275					
15550	17.46	-1.47	17.53	275	16550	19.40	-2.21	19.53	276					
15575	17.35	-1.10	17.38	273	16575	19.44	-2.58	19.61	277					
15600	17.08	-1.05	17.11	273	16600	19.27	-3.24	19.54	279					
15625	17.13	-1.60	17.20	275	16625	19.17	-3.93	19.57	281					
15650	17.17	-1.94	17.28	276	16650	19.28	-4.34	19.77	282					
15675	17.18	-1.85	17.28	276	16675	19.34	-4.80	19.93	284					
15700	16.99	-1.77	17.08	276	16700	19.01	-4.64	19.57	284					
15725	16.74	-1.94	16.86	276	16725	18.72	-4.33	19.22	283					
15750	16.62	-2.19	16.76	277	16750	18.62	-4.20	19.09	283					
15775	16.48	-1.85	16.58	276	16775	18.82	-4.12	19.27	282					
15800	16.08	-1.89	16.19	277	16800	19.02	-4.14	19.47	282					
15825	15.67	-2.24	15.83	278	16825	18.71	-4.06	19.14	282					
15850	15.88	-2.08	16.02	277	16850	18.35	-4.12	18.81	282					
15875	16.31	-2.09	16.44	277	16875	18.00	-4.60	18.58	284					
15900	16.39	-2.12	16.52	277	16900	17.29	-4.74	17.93	285					
15925	16.35	-2.60	16.56	279	16925	16.22	-4.83	16.92	286					
15950	16.44	-3.24	16.76	281	16950	15.90	-4.66	16.57	286					
15975	16.20	-3.65	16.61	283	16975	16.11	-4.73	16.79	286					
16000	15.87	-4.15	16.40	284	17000	16.15	-4.70	16.82	286					
16025	15.45	-4.69	16.14	287	17025	15.62	-4.30	16.20	285					
16050	15.35	-5.08	16.17	288	17050	14.96	-4.11	15.51	285					
16075	15.75	-4.89	16.49	287	17075	14.55	-3.47	14.96	283					
16100	16.06	-4.58	16.70	286	17100	14.24	-3.85	14.75	285					
16125	16.32	-4.74	17.00	286	17125	13.43	-4.85	14.28	290					
16150	16.22	-4.89	16.94	287										
16175	16.20	-5.02	16.96	287										
16200	16.04	-5.49	16.96	289										
16225	16.14	-5.65	17.10	289										
16250	16.64	-5.88	17.65	289										
16275	16.39	-6.21	17.53	291										
16300	16.04	-6.32	17.24	291										
16325	16.20	-5.78	17.20	289										

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TABLE II-95

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-1 04/27/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
550	5.07	8.03	9.50	212	1550	4.28	2.98	5.55	237	2550	5.03	1.16	5.16	257
575	5.27	8.09	9.65	213	1575	4.42	2.75	5.20	238	2575	5.11	1.47	5.32	254
600	5.32	8.06	9.66	213	1600	4.30	2.59	5.02	239	2600	5.01	1.44	5.21	254
625	5.30	8.28	9.83	212	1625	4.02	2.48	4.72	238	2625	4.82	1.43	5.03	253
650	5.68	8.27	10.15	215	1650	4.00	2.68	4.81	236	2650	4.88	1.55	5.12	252
675	6.24	8.09	10.22	217	1675	4.22	2.63	4.97	238	2675	5.01	1.52	5.24	253
700	5.36	8.12	9.74	213	1700	4.22	2.57	4.94	238	2700	4.88	1.52	5.11	253
725	4.35	7.94	9.05	209	1725	4.30	2.66	5.06	238	2725	4.67	1.80	5.00	249
750	4.17	7.74	8.79	208	1750	4.34	2.42	4.97	241	2750	4.76	1.95	5.14	248
775	4.44	7.48	8.70	211	1775	4.12	2.37	4.75	240	2775	4.75	1.77	5.07	249
800	4.58	5.96	8.33	213	1800	3.96	2.55	4.71	237	2800	4.59	1.90	4.97	247
825	4.72	6.64	8.15	215	1825	3.70	2.21	4.31	239	2825	4.62	2.22	5.12	244
850	4.75	6.28	7.87	217	1850	3.43	1.92	3.93	241	2850	4.78	1.89	5.14	248
875	4.37	5.89	7.33	216	1875	3.74	1.98	4.23	242	2875	5.07	1.47	5.28	254
900	4.30	5.93	7.33	216	1900	4.18	1.78	4.54	247	2900	5.50	1.18	5.63	258
925	4.32	5.99	7.38	216	1925	4.31	1.48	4.56	251	2925	5.88	0.69	5.92	263
950	4.10	6.00	7.27	214	1950	4.37	1.48	4.80	252	2950	5.94	0.28	5.94	267
975	4.10	5.88	7.17	215	1975	4.59	1.40	4.80	253	2975	5.82	0.06	5.82	269
1000	3.94	5.52	6.78	215	2000	4.39	1.20	4.55	255	3000	5.88	-0.18	5.88	272
1025	3.90	5.36	6.63	216	2025	4.55	1.22	4.71	255	3025	5.55	-0.46	5.57	275
1050	4.04	5.18	6.57	218	2050	4.65	1.06	4.77	257	3050	4.83	-0.32	4.84	274
1075	3.89	4.79	6.17	219	2075	4.44	1.11	4.58	256	3075	4.47	-0.28	4.48	266
1100	3.95	4.69	6.13	220	2100	4.52	1.43	4.74	252	3100	4.42	0.92	4.52	258
1125	4.21	4.65	6.27	222	2125	4.67	1.44	4.89	254	3125	4.25	1.24	4.43	254
1150	4.20	4.54	6.19	223	2150	4.47	1.28	4.65	254	3150	4.16	1.29	4.35	253
1175	4.17	4.70	6.28	221	2175	4.55	1.30	4.73	254	3175	4.43	1.09	4.56	256
1200	4.04	4.79	6.27	220	2200	4.69	1.33	4.88	254	3200	4.74	0.76	4.80	261
1225	3.88	4.84	6.20	218	2225	4.54	1.19	4.70	255	3225	5.18	0.38	5.20	266
1250	3.93	4.81	6.21	219	2250	4.63	1.32	4.82	254	3250	5.76	-0.08	5.76	271
1275	3.67	4.65	5.92	218	2275	4.82	1.31	4.99	255	3275	6.15	-0.61	6.18	275
1300	3.57	4.76	5.95	217	2300	4.63	1.13	4.77	256	3300	6.30	-0.89	6.36	278
1325	3.64	4.80	6.03	217	2325	4.57	1.17	4.72	255	3325	6.34	-0.77	6.38	277
1350	3.76	4.69	6.01	219	2350	4.75	1.15	4.89	256	3350	6.28	-0.75	6.33	277
1375	4.43	4.65	6.42	223	2375	4.73	1.03	4.84	258	3375	6.09	-0.63	6.13	276
1400	4.89	4.43	6.60	228	2400	4.88	1.13	5.01	257	3400	5.97	-0.21	5.97	272
1425	4.90	4.31	6.52	228	2425	5.05	1.27	5.21	256	3425	6.07	-0.20	6.07	272
1450	4.98	4.18	6.51	230	2450	4.99	1.13	5.11	257	3450	6.12	-0.46	6.14	274
1475	4.97	3.77	6.24	233	2475	5.11	1.21	5.25	257	3475	5.96	-0.37	5.97	273
1500	4.84	3.62	6.05	233	2500	5.30	1.23	5.44	257	3500	5.63	-0.16	5.63	271
1525	4.89	3.46	5.99	235	2525	5.17	0.99	5.27	259	3525	5.36	-0.12	5.36	271

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-1 04/27/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3550	5.44	0.17	5.44	268	4550	4.93	2.44	5.50	244	5550	12.66	-0.15	12.66	270
3575	5.48	0.93	5.56	260	4575	5.14	2.48	5.71	244	5575	13.05	-0.51	13.06	272
3600	5.67	1.63	5.90	254	4600	5.37	2.78	6.04	242	5600	13.54	-1.01	13.58	274
3625	5.68	2.16	6.07	249	4625	5.60	3.29	6.67	240	5625	14.03	-1.43	14.10	276
3650	5.23	2.62	5.85	243	4650	6.41	3.48	7.29	241	5650	14.20	-1.86	14.32	277
3675	5.10	2.94	5.89	240	4675	7.04	3.10	7.69	246	5675	14.26	-2.26	14.44	279
3700	5.04	3.01	5.87	239	4700	7.47	2.78	7.97	249	5700	14.41	-2.61	14.64	280
3725	4.75	3.01	5.62	237	4725	7.94	2.89	8.45	250	5725	14.31	-2.86	14.59	281
3750	4.83	3.20	5.79	236	4750	8.45	2.96	8.96	250	5750	14.31	-3.13	14.65	282
3775	5.35	3.41	6.35	237	4775	8.72	3.11	9.26	250	5775	14.07	-3.70	14.55	285
3800	5.69	3.53	6.70	238	4800	8.81	3.51	9.48	248	5800	13.60	-3.99	14.17	286
3825	5.85	3.71	6.92	237	4825	8.81	3.08	9.77	249	5825	13.71	-3.56	14.16	284
3850	6.26	3.95	7.40	238	4850	8.20	2.69	8.63	252	5850	14.16	-3.03	14.48	282
3875	7.00	4.08	8.10	240	4875	9.39	2.83	9.81	253	5875	14.30	-2.83	14.57	281
3900	7.51	4.21	8.61	241	4900	9.67	2.37	9.96	256	5900	14.03	-2.69	14.28	281
3925	7.63	4.46	8.84	239	4925	9.43	2.03	9.64	258	5925	13.73	-2.54	13.96	280
3950	7.75	4.73	9.08	238	4950	9.39	2.05	9.61	257	5950	13.63	-2.37	13.83	280
3975	7.79	4.77	9.14	238	4975	9.36	2.07	9.58	257	5975	13.71	-2.05	13.86	278
4000	7.45	4.78	8.85	237	5000	9.47	1.88	9.66	259	6000	13.86	-1.78	13.97	277
4025	7.13	4.96	8.68	235	5025	9.41	1.59	9.54	260	6025	14.28	-1.64	14.37	276
4050	7.08	5.08	8.71	234	5050	9.21	1.55	9.34	260	6050	14.89	-1.29	14.94	275
4075	7.18	5.07	8.79	235	5075	9.06	1.61	9.21	260	6075	15.15	-0.97	15.19	273
4100	7.05	5.07	8.68	234	5100	9.06	1.70	9.22	259	6100	15.19	-0.77	15.21	273
4125	6.73	5.21	8.51	232	5125	8.91	1.63	9.06	259	6125	15.24	-0.41	15.25	271
4150	6.53	5.31	8.42	231	5150	8.86	1.44	8.68	260	6150	15.29	-0.12	15.29	270
4175	6.06	5.20	7.99	229	5175	8.41	1.55	8.55	259	6175	15.25	0.12	15.25	269
4200	5.21	5.01	7.23	226	5200	8.45	1.82	8.64	258	6200	14.96	0.20	14.96	269
4225	4.60	5.29	7.01	221	5225	8.78	1.95	8.60	257	6225	14.63	0.12	14.63	269
4250	4.55	5.71	7.30	218	5250	8.82	2.03	8.47	256	6250	14.48	-0.06	14.48	270
4275	4.68	5.80	7.46	219	5275	8.45	1.96	8.38	256	6275	14.34	-0.13	14.34	270
4300	4.82	5.68	7.45	220	5300	8.28	1.83	8.48	257	6300	14.42	-0.07	14.42	270
4325	4.97	5.39	7.33	222	5325	8.69	1.81	8.88	258	6325	14.54	-0.19	14.54	271
4350	5.27	5.02	7.28	226	5350	9.15	1.73	9.31	259	6350	14.58	-0.25	14.58	271
4375	5.24	4.37	6.82	230	5375	9.41	1.47	9.62	261	6375	14.65	-0.22	14.66	271
4400	5.11	3.68	6.29	234	5400	9.72	1.30	9.80	262	6400	14.61	-0.26	14.61	271
4425	5.11	3.24	6.05	237	5425	10.06	1.26	10.14	263	6425	14.51	-0.29	14.52	271
4450	4.95	2.67	5.63	241	5450	10.57	1.15	10.63	264	6450	14.80	-0.36	14.80	271
4475	4.71	2.11	5.16	246	5475	11.09	1.04	11.13	264	6475	15.46	-0.36	15.46	271
4500	4.53	2.02	4.96	246	5500	11.66	0.70	11.68	266	6500	15.76	-0.14	15.76	270
4525	4.62	2.27	5.15	244	5525	12.41	0.18	12.41	269	6525	16.03	0.08	16.04	270

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-95 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-1 04/27/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6550	16.45	0.27	16.45	269	7550	23.12	3.04	23.32	262	8550	29.12	-3.40	29.32	276
6575	16.79	0.48	16.80	268	7575	23.47	2.99	23.66	263	8575	29.45	-3.62	29.67	277
6600	16.89	0.61	16.90	268	7600	23.68	2.87	23.86	263	8600	29.39	-3.51	29.60	277
6625	16.70	0.63	16.71	268	7625	23.74	2.76	23.90	263	8625	29.28	-3.06	29.44	276
6650	16.91	0.80	16.93	267	7650	23.92	2.57	24.06	264	8650	29.28	-2.81	29.41	275
6675	17.31	1.01	17.34	266	7675	23.73	2.28	23.84	264	8675	29.18	-2.28	29.26	274
6700	17.47	0.99	17.50	267	7700	23.39	2.27	23.50	264	8700	29.23	-1.85	29.29	273
6725	17.60	0.98	17.63	267	7725	23.15	2.31	23.27	264	8725	29.06	-2.19	29.14	274
6750	17.70	1.00	17.73	267	7750	22.84	2.41	22.96	264	8750	28.92	-1.92	28.98	274
6775	17.61	0.92	17.64	267	7775	22.76	2.02	22.85	265	8775	28.85	-1.83	28.91	273
6800	17.63	1.04	17.67	266	7800	23.04	1.11	23.07	267	8800	28.56	-2.11	28.64	274
6825	17.81	1.27	17.85	266	7825	23.09	0.61	23.10	268	8825	28.40	-2.43	28.50	275
6850	18.02	1.32	18.07	266	7850	22.63	0.51	22.64	269	8850	28.47	-2.81	28.61	275
6875	18.27	1.36	18.32	266	7875	22.15	0.42	22.15	269	8875	28.71	-3.01	28.87	276
6900	18.59	1.47	18.65	265	7900	21.89	0.43	21.89	269	8900	28.96	-3.42	29.16	277
6925	18.75	1.51	18.81	265	7925	21.61	0.35	21.61	269	8925	29.20	-3.46	29.40	277
6950	18.81	1.59	18.88	265	7950	21.22	0.27	21.22	269	8950	29.36	-3.89	29.62	277
6975	19.15	1.55	19.21	265	7975	21.30	0.59	21.31	268	8975	29.53	-4.57	29.88	279
7000	19.34	1.53	19.40	265	8000	21.82	0.96	21.84	267	9000	29.80	-4.93	30.20	279
7025	19.34	1.76	19.42	265	8025	22.39	0.94	22.41	267	9025	30.04	-4.94	30.44	279
7050	19.24	2.04	19.35	264	8050	22.80	0.82	22.82	268	9050	30.09	-4.92	30.49	279
7075	19.20	2.20	19.33	263	8075	23.22	0.68	23.23	268	9075	30.12	-4.98	30.53	279
7100	19.23	2.35	19.37	263	8100	23.85	0.53	23.86	269	9100	30.17	-5.45	30.65	280
7125	19.25	2.68	19.44	262	8125	24.38	0.41	24.38	269	9125	30.28	-5.89	30.85	281
7150	19.49	2.85	19.70	261	8150	24.93	0.10	24.93	270	9150	30.52	-5.84	31.08	281
7175	19.56	2.96	19.78	261	8175	25.53	-0.36	25.53	271	9175	30.51	-5.90	31.07	281
7200	19.51	2.97	19.74	261	8200	25.99	-0.67	26.00	271	9200	30.54	-6.06	31.13	281
7225	19.63	3.11	19.87	261	8225	26.37	-0.76	26.38	271	9225	30.49	-6.30	31.13	281
7250	19.74	3.25	20.01	260	8250	26.62	-0.78	26.63	271	9250	30.64	-6.37	31.30	282
7275	20.02	3.29	20.29	260	8275	26.81	-0.86	26.83	272	9275	30.83	-6.60	31.53	282
7300	20.46	3.39	20.73	260	8300	27.04	-1.16	27.07	272	9300	31.01	-6.71	31.73	282
7325	20.61	3.45	20.90	260	8325	27.47	-1.37	27.51	273	9325	31.16	-6.98	31.93	282
7350	20.68	3.65	21.00	260	8350	27.75	-1.48	27.79	273	9350	31.04	-7.17	31.86	283
7375	21.00	3.34	21.26	261	8375	27.71	-1.78	27.77	273	9375	31.03	-7.23	31.86	283
7400	21.35	3.38	21.62	261	8400	27.89	-1.87	27.96	274	9400	31.20	-7.65	32.12	284
7425	21.74	3.37	22.00	261	8425	28.14	-2.06	28.22	274	9425	31.46	-7.81	32.42	284
7450	21.96	2.97	22.16	262	8450	28.24	-2.29	28.33	274	9450	31.70	-7.99	32.69	284
7475	22.13	3.00	22.33	262	8475	28.34	-2.06	28.42	274	9475	31.73	-8.01	32.73	284
7500	22.35	3.13	22.57	262	8500	28.64	-2.17	28.72	274	9500	31.79	-8.05	32.79	284
7525	22.69	3.17	22.91	262	8525	28.88	-2.87	29.02	275	9525	32.03	-8.21	33.06	284

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-1 04/27/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9550	32.18	-8.43	33.27	284	10550	41.05	-12.44	42.89	287	11550	39.37	-9.78	40.57	284
9575	32.33	-8.74	33.49	285	10575	40.91	-12.30	42.71	287	11575	39.29	-9.12	40.34	283
9600	32.67	-8.96	33.88	285	10600	40.97	-12.36	42.80	287	11600	39.53	-9.48	40.65	283
9625	33.00	-9.46	34.33	286	10625	41.11	-12.13	42.86	286	11625	39.60	-10.16	40.88	284
9650	33.08	-10.14	34.60	287	10650	40.90	-11.57	42.51	286	11650	39.44	-10.00	40.69	284
9675	33.00	-10.41	34.60	287	10675	40.47	-11.27	42.01	285	11675	39.42	-9.86	40.63	284
9700	32.83	-10.24	34.39	287	10700	40.14	-11.07	41.63	285	11700	38.93	-9.98	40.19	284
9725	32.74	-10.23	34.30	287	10725	39.83	-10.74	41.26	285	11725	38.64	-10.27	39.98	285
9750	32.57	-10.38	34.18	287	10750	40.08	-10.80	41.51	285	11750	38.80	-10.31	40.15	285
9775	32.58	-10.58	34.26	288	10775	39.92	-10.94	41.39	285	11775	39.06	-10.73	40.51	285
9800	32.72	-11.24	34.59	289	10800	39.60	-10.58	40.99	285	11800	39.44	-10.58	40.83	285
9825	32.82	-11.82	34.89	290	10825	39.67	-10.01	40.91	284	11825	39.86	-10.27	41.16	284
9850	32.67	-12.12	34.84	290	10850	39.87	-10.14	41.14	284	11850	40.18	-10.65	41.57	285
9875	32.36	-12.33	34.63	291	10875	39.89	-10.45	41.24	284	11875	40.37	-10.69	41.76	285
9900	32.36	-12.43	34.66	291	10900	39.77	-10.30	41.08	284	11900	40.45	-10.77	41.86	285
9925	32.35	-12.51	34.69	291	10925	39.85	-9.88	41.06	284	11925	40.16	-10.43	41.49	284
9950	32.41	-12.88	34.88	291	10950	39.86	-9.85	41.06	284	11950	40.19	-10.35	41.50	284
9975	33.13	-13.46	35.76	292	10975	39.45	-9.97	40.69	284	11975	40.08	-10.70	41.48	285
10000	33.84	-13.80	36.54	292	11000	39.76	-9.65	40.43	284	12000	39.92	-9.94	41.14	284
10025	34.21	-14.22	37.05	292	11025	39.70	-10.01	40.75	284	12025	40.01	-9.40	41.10	283
10050	34.83	-14.51	37.73	292	11050	39.19	-10.36	40.54	285	12050	39.61	-9.86	40.82	284
10075	35.40	-15.29	39.02	293	11075	38.80	-10.02	40.07	284	12075	39.47	-9.53	40.60	283
10100	36.93	-15.84	40.18	293	11100	38.66	-10.12	39.96	284	12100	39.71	-9.11	40.74	283
10125	37.52	-15.94	40.76	293	11125	38.85	-9.99	39.82	284	12125	39.86	-9.44	40.96	283
10150	37.77	-15.96	41.01	293	11150	38.67	-9.47	39.72	284	12150	40.19	-9.34	41.26	283
10175	37.87	-15.17	40.79	292	11175	38.63	-9.34	39.65	283	12175	40.39	-9.17	41.42	283
10200	37.62	-14.68	40.39	291	11200	38.30	-9.59	39.68	284	12200	40.25	-8.90	41.22	282
10225	37.54	-14.33	40.18	291	11225	38.12	-9.84	39.76	284	12225	40.01	-8.67	40.94	282
10250	38.14	-14.10	40.67	290	11250	38.34	-9.76	39.67	284	12250	39.62	-8.76	40.57	282
10275	38.78	-14.11	41.27	290	11275	38.02	-9.05	39.08	283	12275	38.96	-8.39	39.86	282
10300	39.30	-14.24	41.80	290	11300	37.75	-8.40	38.68	282	12300	39.02	-8.10	39.85	282
10325	39.61	-13.99	42.00	289	11325	37.46	-8.51	38.42	283	12325	39.29	-8.22	40.14	282
10350	39.89	-13.83	42.22	289	11350	37.44	-7.95	38.38	282	12350	38.87	-7.43	39.57	281
10375	40.32	-13.93	42.66	289	11375	37.84	-8.00	38.68	282	12375	38.99	-7.41	39.69	281
10400	40.90	-13.84	43.18	288	11400	37.85	-8.05	38.69	282	12400	39.30	-7.94	40.10	281
10425	41.32	-13.71	43.53	288	11425	38.27	-8.09	39.02	282	12425	39.55	-7.98	40.34	281
10450	41.31	-13.52	43.46	288	11450	38.41	-8.71	39.67	282	12450	39.83	-7.21	40.48	280
10475	41.35	-13.47	43.50	288	11475	39.26	-8.95	40.27	283	12475	39.58	-7.22	40.23	280
10500	41.30	-13.08	43.32	287	11500	39.28	-8.97	40.30	283	12500	39.34	-7.99	40.14	281
10525	41.17	-12.55	43.04	287	11525	39.34	-9.28	40.42	283	12525	39.18	-7.76	39.94	281

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-95 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-1 04/27/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12550	38.79	-7.55	39.51	281	13550	39.65	-8.54	40.56	282	14550	37.29	-3.00	37.41	274
12575	38.48	-6.95	39.10	280	13575	39.45	-7.61	40.18	281	14575	36.44	-1.05	36.45	271
12600	37.92	-7.59	38.67	281	13600	39.55	-8.37	40.43	282	14600	35.26	-0.25	35.27	270
12625	38.01	-7.40	38.72	281	13625	39.34	-10.16	40.63	284	14625	33.95	-0.81	33.96	271
12650	38.56	-6.01	39.03	279	13650	39.68	-7.28	40.34	280	14650	32.77	-0.49	32.78	271
12675	38.69	-6.38	39.22	279	13675	40.09	-6.38	40.59	279	14675	32.40	-1.57	32.44	273
12700	38.19	-7.07	38.83	280	13700	40.03	-7.95	40.81	281	14700	32.75	-3.24	32.91	275
12725	37.56	-7.35	38.27	281	13725	40.44	-7.68	41.16	281	14725	33.04	-2.79	33.15	275
12750	37.27	-6.88	37.90	280	13750	40.49	-7.66	41.20	281	14750	32.33	-3.28	32.50	276
12775	36.78	-7.08	37.45	281	13775	40.18	-7.76	40.92	281	14775	31.50	-4.70	31.85	278
12800	36.53	-6.69	37.14	280	13800	40.32	-7.52	41.01	280	14800	30.72	-5.47	31.20	280
12825	36.55	-7.65	37.35	282	13825	40.40	-7.30	41.05	280	14825	29.64	-4.16	29.93	278
12850	36.18	-8.98	37.27	284	13850	40.44	-6.05	40.89	278	14850	29.10	-3.46	29.31	277
12875	35.93	-7.50	36.70	282	13875	40.20	-5.48	40.57	278	14875	28.55	-4.62	28.93	279
12900	35.89	-7.45	36.65	282	13900	39.92	-5.74	40.33	278	14900	27.40	-4.19	27.72	278
12925	35.92	-8.12	36.83	283	13925	39.93	-4.74	40.21	277	14925	26.63	-3.86	26.91	278
12950	36.71	-8.52	37.69	283	13950	40.01	-4.84	40.30	277	14950	25.89	-4.65	26.30	280
12975	37.06	-8.23	37.97	282	13975	40.09	-4.19	40.31	276	14975	25.38	-5.33	25.94	282
13000	36.71	-8.53	37.69	283	14000	40.26	-3.82	40.44	275	15000	25.23	-4.71	25.67	280
13025	36.75	-8.74	37.78	283	14025	40.57	-5.16	40.90	277	15025	25.00	-4.44	25.39	280
13050	37.10	-8.12	37.97	282	14050	40.42	-5.43	40.78	277	15050	24.09	-2.79	24.25	276
13075	37.26	-8.59	38.24	283	14075	39.11	-7.04	39.74	280	15075	23.66	-1.87	23.74	274
13100	38.00	-8.10	38.85	282	14100	40.36	-3.20	40.49	274	15100	22.87	-2.32	22.99	276
13125	38.64	-7.72	39.41	281	14125	40.70	-2.86	40.80	274	15125	22.25	-1.90	22.33	275
13150	38.91	-8.17	39.75	282	14150	40.27	-4.53	40.53	276	15150	22.53	-0.05	22.53	270
13175	38.97	-8.24	39.83	282	14175	40.08	-4.08	40.28	276	15175	22.56	0.72	22.57	268
13200	38.97	-8.97	39.99	283	14200	39.84	-3.39	39.98	275	15200	22.50	1.67	22.56	266
13225	39.15	-7.98	39.96	281	14225	39.62	-3.04	39.64	274	15225	23.13	2.36	23.25	264
13250	39.58	-6.56	40.12	279	14250	39.19	-2.97	39.31	274	15250	23.17	1.80	23.24	265
13275	39.45	-8.42	40.34	282	14275	39.33	-3.68	39.50	275	15275	23.03	2.55	23.17	263
13300	39.49	-8.90	40.48	282	14300	39.85	-3.83	40.03	275	15300	22.73	3.86	23.06	260
13325	39.66	-6.88	40.25	280	14325	40.01	-3.63	40.18	275	15325	22.89	3.47	23.15	261
13350	39.10	-7.51	39.81	281	14350	40.08	-4.10	40.29	276	15350	23.31	3.79	23.61	261
13375	39.00	-7.92	39.80	281	14375	39.76	-4.76	40.05	277	15375	23.33	4.09	23.69	260
13400	39.18	-7.56	39.91	281	14400	39.14	-4.26	39.37	276	15400	23.36	3.94	23.69	260
13425	39.22	-8.65	40.17	282	14425	38.88	-4.28	39.11	276	15425	23.21	3.93	23.54	260
13450	39.40	-7.30	40.07	280	14450	38.53	-4.10	38.75	276	15450	24.02	6.60	24.91	254
13475	39.49	-8.17	40.33	281	14475	38.11	-3.33	38.26	275	15475	24.38	7.47	25.50	253
13500	39.65	-9.31	40.72	283	14500	37.61	-2.89	37.72	274	15500	25.25	7.14	26.24	254
13525	39.92	-8.72	40.86	282	14525	37.57	-3.28	37.72	275	15525	26.22	6.74	27.07	255

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-1 04/27/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15550	26.71	5.54	27.28	258	16550	20.71	5.27	21.37	256	17550	8.20	7.54	11.14	227
15575	27.01	5.14	27.49	259	16575	19.94	6.37	20.93	252	17575	7.69	8.24	11.27	223
15600	27.92	6.29	28.62	257	16600	17.98	5.75	18.88	252	17600	7.55	8.87	11.65	220
15625	28.95	6.06	29.57	258	16625	17.19	5.38	18.01	252	17625	7.52	9.05	11.77	220
15650	29.83	5.65	30.36	259	16650	17.04	6.58	18.26	249					
15675	30.43	4.00	30.69	262	16675	15.83	5.18	16.66	252					
15700	30.01	3.09	30.17	264	16700	15.24	4.87	16.00	252					
15725	28.30	2.77	28.44	264	16725	13.99	4.53	14.70	252					
15750	28.09	1.96	28.16	266	16750	13.19	3.37	13.62	255					
15775	26.95	1.08	26.97	267	16775	12.72	3.28	13.14	255					
15800	25.56	-0.85	25.57	272	16800	12.14	3.63	12.68	253					
15825	24.69	-0.31	24.69	271	16825	11.86	3.75	12.44	252					
15850	23.95	-0.37	23.96	271	16850	11.32	4.15	12.05	250					
15875	23.06	0.72	23.07	268	16875	11.54	4.09	12.24	250					
15900	22.18	2.47	22.32	263	16900	11.26	4.37	12.07	249					
15925	21.15	2.22	21.27	264	16925	10.59	4.08	11.35	249					
15950	19.82	3.37	20.10	260	16950	10.30	4.19	11.12	248					
15975	18.82	3.64	19.17	259	16975	10.15	4.71	11.19	245					
16000	18.54	3.43	18.85	259	17000	9.71	3.41	10.29	250					
16025	18.28	4.10	18.73	257	17025	9.19	5.71	10.82	238					
16050	17.65	4.73	18.28	255	17050	8.62	5.97	10.49	235					
16075	17.45	4.69	18.07	255	17075	8.00	4.61	9.23	240					
16100	17.91	5.92	18.87	252	17100	8.23	6.55	10.52	231					
16125	18.09	7.50	19.58	247	17125	8.29	6.93	10.80	230					
16150	17.85	6.48	18.99	250	17150	7.84	6.26	10.04	231					
16175	17.38	5.38	18.19	253	17175	7.92	7.96	11.23	225					
16200	18.09	6.59	19.25	250	17200	7.92	6.51	10.25	230					
16225	18.80	6.91	20.03	250	17225	8.30	6.67	10.65	231					
16250	19.06	7.65	20.53	248	17250	8.66	7.76	11.63	228					
16275	19.14	6.67	20.27	251	17275	8.54	7.30	11.23	229					
16300	19.13	6.41	20.18	251	17300	8.80	6.97	11.23	231					
16325	20.43	6.23	21.36	253	17325	9.37	7.40	11.94	231					
16350	20.81	5.09	21.43	256	17350	9.41	7.17	11.83	232					
16375	20.76	4.50	21.24	258	17375	9.11	7.25	11.64	231					
16400	20.92	5.00	21.51	256	17400	9.28	7.99	12.25	229					
16425	21.25	6.59	22.25	253	17425	9.39	7.09	11.76	233					
16450	21.42	6.16	22.29	254	17450	9.50	5.85	11.16	238					
16475	21.72	4.90	22.26	257	17475	9.32	5.81	10.98	238					
16500	22.18	6.18	23.03	254	17500	9.56	6.68	11.66	235					
16525	21.99	6.51	22.94	253	17525	9.13	7.37	11.73	231					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-96

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2579 04/27/65, 0219Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
525	-0.77	8.86	8.90	175	1525	5.25	3.96	6.58	233	2525	5.14	1.94	5.49	249
550	-0.49	8.66	8.67	177	1550	4.43	3.74	5.80	230	2550	5.63	2.26	6.07	248
575	-0.64	7.97	8.00	175	1575	3.98	2.64	4.78	236	2575	5.25	2.50	5.81	244
600	-0.68	7.56	7.59	175	1600	3.80	3.30	5.03	229	2600	5.78	1.86	6.07	252
625	-0.29	7.17	7.18	178	1625	3.00	3.89	4.91	217	2625	5.59	2.35	6.07	247
650	0.41	6.64	6.66	183	1650	3.55	3.83	5.22	223	2650	5.45	2.11	5.85	249
675	1.01	6.26	6.34	189	1675	3.34	4.17	5.34	219	2675	5.94	2.02	6.28	251
700	1.19	6.21	6.32	191	1700	2.73	3.51	4.45	218	2700	5.02	2.50	5.61	243
725	1.57	6.38	6.57	194	1725	3.02	3.34	4.50	222	2725	5.59	2.56	6.15	245
750	2.07	6.31	6.64	198	1750	2.79	3.00	4.09	223	2750	5.99	2.86	6.64	244
775	2.11	6.07	6.43	199	1775	3.44	2.19	4.07	237	2775	5.83	2.69	6.42	245
800	2.02	6.28	6.60	198	1800	3.58	2.52	4.38	235	2800	6.24	3.33	7.08	242
825	2.28	6.39	6.79	199	1825	3.37	1.84	3.84	241	2825	6.21	3.42	7.09	241
850	2.38	6.12	6.56	201	1850	3.59	1.76	4.00	244	2850	6.81	3.14	7.50	245
875	2.73	6.85	7.37	202	1875	3.07	2.11	3.73	235	2875	6.13	3.50	7.06	240
900	3.53	6.91	7.75	207	1900	3.90	1.31	4.11	251	2900	6.28	3.18	7.04	243
925	3.45	6.84	7.66	207	1925	4.09	1.95	4.53	244	2925	6.57	3.46	7.43	242
950	3.89	7.31	8.28	208	1950	2.98	2.33	3.78	232	2950	6.15	4.00	7.34	237
975	3.86	6.93	7.94	209	1975	3.66	2.21	4.28	239	2975	6.73	3.45	7.56	243
1000	3.85	6.53	7.58	210	2000	4.08	2.30	4.69	240	3000	6.38	3.74	7.39	239
1025	4.11	5.98	7.26	214	2025	4.49	1.84	4.85	248	3025	6.14	4.11	7.39	236
1050	4.37	5.58	7.09	218	2050	4.32	2.03	4.77	245	3050	6.23	3.83	7.31	238
1075	4.30	5.86	7.27	216	2075	4.41	1.49	4.65	251	3075	5.23	3.99	6.58	232
1100	3.55	5.35	6.42	213	2100	6.05	1.12	6.15	259	3100	5.20	3.85	6.46	233
1125	3.65	5.81	6.86	212	2125	5.61	1.96	5.94	251	3125	4.85	3.87	6.20	231
1150	3.26	5.76	6.62	209	2150	4.91	1.70	5.19	251	3150	4.23	3.81	5.70	228
1175	3.42	4.78	5.88	215	2175	5.81	1.81	6.09	253	3175	4.85	3.86	6.20	231
1200	2.87	5.20	5.93	209	2200	5.92	2.15	6.30	250	3200	4.74	3.01	5.61	237
1225	2.65	4.62	5.33	210	2225	5.99	1.25	6.12	258	3225	4.84	2.84	5.61	239
1250	3.59	4.83	6.02	216	2250	6.36	1.36	6.50	258	3250	4.77	2.80	5.54	239
1275	3.60	4.55	5.80	218	2275	6.37	1.93	6.65	253	3275	4.56	2.43	5.16	242
1300	3.71	3.75	5.28	225	2300	6.01	1.79	6.27	253	3300	4.51	2.54	5.18	240
1325	3.75	4.45	5.82	220	2325	6.25	1.82	6.51	254	3325	4.91	2.55	5.53	242
1350	3.95	4.09	5.68	224	2350	6.13	1.86	6.41	253	3350	4.27	2.58	4.99	239
1375	4.42	4.28	6.15	226	2375	5.93	1.27	6.06	258	3375	4.09	2.33	4.70	240
1400	4.02	4.55	6.38	219	2400	6.85	1.40	6.99	258	3400	4.35	3.04	5.31	235
1425	3.74	3.96	5.45	223	2425	6.52	2.19	6.87	251	3425	4.33	2.93	5.23	236
1450	4.34	3.54	5.60	231	2450	5.94	1.52	6.13	255	3450	4.39	3.01	5.32	235
1475	3.77	4.00	5.50	223	2475	6.06	1.86	6.34	253	3475	4.44	3.57	5.70	231
1500	3.99	3.83	5.53	226	2500	5.18	2.71	5.85	242	3500	4.17	3.72	5.59	228

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2579 04/27/65, 0219Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3525	4.66	3.78	6.01	231	4525	7.14	1.70	7.34	256	5525	9.85	1.89	10.03	259
3550	5.28	3.58	6.38	236	4550	7.38	1.59	7.55	258	5550	10.09	1.62	10.22	261
3575	5.31	3.29	6.25	238	4575	7.77	2.60	8.19	251	5575	10.04	1.41	10.14	262
3600	6.35	3.39	7.20	242	4600	8.46	3.11	9.02	250	5600	10.06	0.93	10.10	265
3625	6.27	3.24	7.05	242	4625	9.31	2.65	9.68	254	5625	9.64	0.45	9.65	267
3650	6.62	2.89	7.22	246	4650	9.12	3.37	9.72	250	5650	9.63	0.21	9.63	269
3675	6.44	2.90	7.06	246	4675	9.24	3.35	9.83	250	5675	10.00	0.12	10.01	269
3700	6.24	2.36	6.67	249	4700	9.89	3.31	10.43	251	5700	10.99	0.74	11.02	266
3725	6.62	2.75	7.17	247	4725	9.19	3.09	9.70	251	5725	11.82	0.65	11.83	267
3750	6.56	2.33	6.96	250	4750	9.52	3.08	10.00	252	5750	12.04	0.63	12.05	267
3775	7.06	1.79	7.28	256	4775	9.96	3.16	10.45	252	5775	12.28	0.44	12.29	268
3800	6.86	2.85	7.43	247	4800	9.78	2.99	10.23	253	5800	12.36	0.39	12.37	268
3825	6.80	2.60	7.28	249	4825	9.66	3.50	10.28	250	5825	12.73	0.29	12.73	269
3850	6.92	2.29	7.29	252	4850	9.58	3.36	10.16	250	5850	12.65	0.63	12.67	267
3875	6.17	2.11	6.52	251	4875	9.27	3.56	9.93	249	5875	12.85	0.85	12.88	266
3900	5.80	1.65	6.03	254	4900	8.74	3.91	9.57	246	5900	12.99	0.80	13.01	266
3925	5.37	1.86	5.69	251	4925	9.44	3.88	10.20	247	5925	13.15	1.21	13.21	265
3950	5.42	2.09	5.81	249	4950	9.32	3.94	10.12	247	5950	13.87	0.84	13.89	266
3975	5.92	1.78	6.18	253	4975	8.90	3.52	9.57	248	5975	13.45	0.32	13.46	268
4000	5.73	1.36	5.89	257	5000	8.55	3.42	9.21	248	6000	13.69	1.15	13.74	265
4025	5.76	1.99	6.09	251	5025	8.55	3.03	9.07	250	6025	14.32	1.09	14.37	265
4050	5.98	1.59	6.19	255	5050	8.52	2.96	9.02	251	6050	14.16	0.25	14.16	269
4075	6.08	0.87	6.14	262	5075	8.15	3.40	8.83	247	6075	14.21	0.18	14.21	269
4100	5.84	1.21	5.96	258	5100	8.70	3.43	9.35	248	6100	14.43	0.04	14.43	270
4125	6.79	1.47	6.95	258	5125	8.22	3.49	8.93	247	6125	14.59	-0.38	14.59	271
4150	7.09	1.58	7.26	257	5150	7.77	3.04	8.35	248	6150	13.94	-0.86	13.96	273
4175	7.08	1.67	7.27	257	5175	8.53	2.74	8.95	252	6175	13.64	-0.44	13.64	272
4200	7.60	1.74	7.80	257	5200	8.53	1.89	8.73	257	6200	13.26	-0.60	13.27	272
4225	7.78	1.63	7.84	262	5225	8.16	1.34	8.27	261	6225	12.88	-0.73	12.91	273
4250	7.39	0.56	7.41	266	5250	7.60	1.67	7.78	257	6250	13.24	-0.38	13.24	271
4275	7.01	0.59	7.03	265	5275	7.44	1.34	7.55	260	6275	13.02	-0.02	13.02	270
4300	7.47	0.88	7.53	263	5300	7.27	1.31	7.38	260	6300	13.21	-0.05	13.21	270
4325	7.13	0.91	7.18	263	5325	7.09	1.89	7.33	255	6325	13.38	-0.10	13.38	270
4350	7.59	1.36	7.71	260	5350	7.22	1.91	7.47	255	6350	13.65	-0.11	13.65	270
4375	7.74	2.19	8.04	254	5375	7.24	1.55	7.40	258	6375	13.48	-0.63	13.49	272
4400	7.10	1.97	7.37	254	5400	7.02	1.79	7.25	256	6400	12.94	-0.22	12.95	271
4425	7.71	2.24	8.03	254	5425	7.61	1.83	7.83	256	6425	12.83	-0.35	12.84	271
4450	7.75	1.57	7.91	258	5450	8.61	1.76	8.79	258	6450	12.17	-0.56	12.19	272
4475	7.25	1.56	7.41	258	5475	9.00	2.12	9.25	257	6475	12.42	-0.28	12.43	271
4500	7.08	1.97	7.35	254	5500	9.42	2.00	9.63	258	6500	12.82	-1.05	12.86	275

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2579 04/27/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6525	12.46	-1.05	12.51	275	7525	20.95	-6.84	22.04	288	8525	27.50	-3.94	27.78	278
6550	12.73	-0.92	12.76	274	7550	21.34	-7.11	22.49	288	8550	27.11	-3.87	27.39	278
6575	12.59	-1.31	12.66	276	7575	21.88	-7.06	22.99	288	8575	27.09	-4.46	27.46	279
6600	12.14	-1.28	12.21	276	7600	21.97	-7.38	23.18	288	8600	26.66	-4.73	27.08	280
6625	12.27	-1.41	12.35	276	7625	22.00	-7.23	23.16	288	8625	26.40	-4.56	26.79	280
6650	12.49	-1.63	12.60	277	7650	22.36	-6.97	23.42	287	8650	26.47	-4.62	26.87	280
6675	12.85	-1.77	12.97	278	7675	22.37	-7.39	23.56	288	8675	26.43	-4.73	26.85	280
6700	13.07	-2.16	13.24	279	7700	22.25	-7.27	23.41	288	8700	26.23	-5.18	26.73	281
6725	13.15	-2.23	13.34	279	7725	22.32	-6.67	23.29	286	8725	25.83	-5.37	26.38	282
6750	13.59	-2.22	13.77	279	7750	22.52	-6.68	23.49	286	8750	25.75	-5.53	26.34	282
6775	13.42	-2.42	13.63	280	7775	22.46	-6.70	23.44	286	8775	25.95	-6.34	26.71	284
6800	13.61	-2.83	13.90	282	7800	22.79	-6.17	23.61	285	8800	25.92	-7.17	26.90	285
6825	14.09	-3.70	14.57	285	7825	23.47	-6.04	24.23	284	8825	25.67	-7.70	26.80	287
6850	14.06	-4.26	14.69	287	7950	23.54	-6.04	24.30	284	8850	25.65	-8.04	26.88	287
6875	14.48	-4.55	15.18	287	7875	23.04	-5.94	23.80	284	8875	26.04	-8.30	27.33	288
6900	14.73	-5.42	15.69	290	7900	23.05	-5.75	23.75	284	8900	25.88	-8.93	27.38	289
6925	14.89	-6.19	16.13	292	7925	23.12	-5.83	23.85	284	8925	25.33	-9.43	27.03	290
6950	15.18	-6.67	16.58	294	7950	22.82	-5.71	23.52	284	8950	25.12	-9.66	26.92	291
6975	15.58	-7.09	17.11	294	7975	23.04	-5.34	23.65	283	8975	25.08	-10.12	27.05	292
7000	15.96	-7.32	17.56	294	8000	23.34	-5.45	23.97	283	9000	24.54	-10.76	26.79	293
7025	16.33	-7.54	17.99	295	8025	23.33	-5.07	23.87	282	9025	23.98	-10.76	26.29	294
7050	16.50	-7.46	18.11	294	8050	23.77	-4.60	24.22	281	9050	24.08	-10.41	26.23	293
7075	16.33	-7.16	17.84	293	8075	24.32	-5.02	24.83	281	9075	24.37	-10.58	26.56	293
7100	16.45	-7.01	17.89	293	8100	24.17	-4.81	24.64	281	9100	24.46	-10.88	26.77	294
7125	16.58	-7.18	18.07	293	8125	24.43	-4.30	24.81	280	9125	24.49	-10.24	26.55	293
7150	16.88	-7.13	18.33	293	8150	25.05	-4.22	25.40	279	9150	24.61	-9.62	26.43	291
7175	16.98	-7.13	18.41	293	8175	25.30	-4.26	25.65	279	9175	24.78	-9.80	26.65	291
7200	16.93	-7.35	18.46	293	8200	26.33	-4.31	26.68	279	9200	24.62	-9.67	26.45	291
7225	16.83	-7.85	18.57	295	8225	27.34	-4.67	27.73	280	9225	24.27	-9.23	25.97	291
7250	16.67	-8.03	18.51	296	8250	27.15	-4.69	27.55	280	9250	24.28	-9.42	26.05	291
7275	17.26	-7.91	18.99	294	8275	27.08	-4.31	27.42	279	9275	24.33	-9.61	26.16	291
7300	17.59	-8.13	19.38	295	8300	27.57	-4.29	27.90	279	9300	24.09	-9.94	26.06	292
7325	17.77	-7.95	19.47	294	8325	27.56	-4.53	27.93	279	9325	23.81	-10.47	26.01	294
7350	18.27	-7.64	19.78	292	8350	27.78	-4.60	28.17	279	9350	23.69	-10.69	25.99	294
7375	18.89	-7.74	20.41	292	8375	28.02	-4.31	28.35	279	9375	23.80	-10.66	26.08	294
7400	19.04	-7.38	20.42	291	8400	28.49	-4.54	28.85	279	9400	23.78	-10.84	26.13	294
7425	19.28	-6.91	20.48	290	8425	28.34	-4.43	28.68	279	9425	23.39	-11.08	25.88	295
7450	19.63	-6.82	20.78	289	8450	28.17	-4.05	28.46	278	9450	23.32	-10.84	25.72	295
7475	20.02	-6.55	21.07	288	8475	28.35	-3.90	28.62	278	9475	23.79	-10.78	26.12	294
7500	20.52	-6.37	21.49	287	8500	28.27	-3.96	28.55	278	9500	23.60	-11.36	26.19	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2579 04/27/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9525	23.14	-11.66	25.91	297	10525	26.13	-18.81	32.19	306	11525	33.22	-23.01	40.41	305
9550	23.17	-11.24	25.76	296	10550	26.27	-18.98	32.40	306	11550	32.86	-22.68	39.93	304
9575	23.43	-11.40	26.06	296	10575	26.48	-19.34	32.79	306	11575	33.51	-22.35	40.28	304
9600	23.15	-12.24	26.19	298	10600	26.57	-20.00	33.26	307	11600	33.98	-22.28	40.63	303
9625	22.94	-12.18	25.97	298	10625	26.69	-19.93	33.31	307	11625	34.35	-22.45	41.04	303
9650	23.38	-11.86	26.21	297	10650	27.07	-19.75	33.51	306	11650	34.39	-22.20	40.94	303
9675	23.40	-12.21	26.39	297	10675	27.07	-20.25	33.81	307	11675	34.24	-21.87	40.63	302
9700	22.97	-12.30	26.06	298	10700	27.04	-21.22	34.37	308	11700	34.09	-21.70	40.41	302
9725	22.81	-11.87	25.71	297	10725	27.00	-21.95	34.79	309	11725	34.34	-21.41	40.47	302
9750	21.02	-10.83	23.65	297	10750	26.93	-22.34	34.99	310	11750	34.58	-21.70	40.82	302
9775	21.03	-11.39	23.91	298	10775	27.19	-22.57	35.33	310	11775	34.37	-21.61	40.60	302
9800	22.46	-12.47	25.69	299	10800	27.22	-22.75	35.47	310	11800	34.03	-20.87	39.92	301
9825	22.05	-12.21	25.20	299	10825	27.65	-23.10	36.03	310	11825	33.74	-20.40	39.43	301
9850	22.32	-12.52	25.59	299	10850	28.24	-23.22	36.56	309	11850	33.72	-20.00	39.21	300
9875	21.91	-12.58	25.27	300	10875	28.19	-23.27	36.55	309	11875	33.65	-20.12	39.20	301
9900	21.45	-12.62	24.89	300	10900	28.26	-22.82	36.32	309	11900	33.46	-20.28	39.12	301
9925	21.51	-12.40	24.82	300	10925	29.01	-22.85	36.93	308	11925	33.17	-20.09	38.78	301
9950	21.66	-12.42	24.97	300	10950	29.27	-23.40	37.47	308	11950	32.99	-20.25	38.71	301
9975	21.88	-12.77	25.33	300	10975	29.07	-23.07	37.11	308	11975	33.23	-20.05	38.81	301
10000	21.79	-12.75	25.24	300	11000	29.61	-22.65	37.28	307	12000	33.41	-19.96	38.92	301
10025	22.16	-12.58	25.48	299	11025	30.49	-22.86	38.11	307	12025	33.42	-20.14	39.02	301
10050	22.56	-12.86	25.97	300	11050	30.93	-22.81	38.43	306	12050	33.58	-19.98	39.07	301
10075	22.55	-13.35	26.21	300	11075	31.00	-22.60	38.36	306	12075	33.88	-19.59	39.14	300
10100	22.85	-13.44	26.51	300	11100	31.08	-22.41	38.31	306	12100	34.26	-19.35	39.35	299
10125	23.43	-13.53	27.06	300	11125	31.29	-22.13	38.32	305	12125	34.27	-19.47	39.42	299
10150	23.87	-13.73	27.54	300	11150	31.01	-22.42	38.26	306	12150	34.39	-19.53	39.55	299
10175	23.86	-13.85	27.58	300	11175	30.40	-22.51	37.83	306	12175	35.03	-19.26	39.97	299
10200	24.07	-13.92	27.80	300	11200	30.43	-22.25	37.69	306	12200	35.60	-19.06	40.38	298
10225	24.68	-14.45	28.59	300	11225	30.57	-22.36	37.88	306	12225	36.22	-19.00	40.90	298
10250	25.02	-14.78	29.06	300	11250	30.64	-22.31	37.90	306	12250	36.50	-19.21	41.24	298
10275	25.25	-15.06	29.40	301	11275	30.31	-22.15	37.54	306	12275	36.12	-19.39	40.99	298
10300	25.71	-15.74	30.14	301	11300	30.50	-21.95	37.58	306	12300	35.75	-19.31	40.63	298
10325	25.78	-15.91	30.30	301	11325	31.08	-21.89	38.02	305	12325	35.47	-19.09	40.28	298
10350	25.77	-15.70	30.18	301	11350	31.39	-21.99	38.33	305	12350	35.28	-19.20	40.17	298
10375	26.02	-15.80	30.44	301	11375	31.74	-22.07	38.66	305	12375	35.12	-19.32	40.08	299
10400	25.90	-16.68	30.81	303	11400	31.81	-22.32	38.86	305	12400	34.84	-19.18	39.77	299
10425	25.41	-17.06	30.61	304	11425	32.04	-22.77	39.31	305	12425	34.80	-18.91	39.60	298
10450	25.66	-16.99	30.78	303	11450	32.81	-22.86	39.99	305	12450	35.03	-18.89	39.80	298
10475	25.83	-17.54	31.22	304	11475	33.14	-22.88	40.27	304	12475	35.48	-18.95	40.23	298
10500	25.81	-18.38	31.68	305	11500	33.36	-22.99	40.52	304	12500	35.95	-18.56	40.46	297

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-96 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2579 04/27/65, 0219Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12525	36.22	-18.37	40.61	297	13525	35.56	-2.25	35.63	273	14525	20.42	1.16	20.45	267
12550	36.15	-18.38	40.55	297	13550	35.64	-1.97	35.69	273	14550	20.15	1.20	20.19	266
12575	36.10	-18.49	40.56	297	13575	35.91	-1.91	35.96	273	14575	20.03	1.47	20.08	266
12600	36.17	-18.77	40.75	297	13600	36.37	-1.71	36.41	273	14600	20.16	2.19	20.28	264
12625	36.27	-18.66	40.79	297	13625	36.97	-1.52	37.00	272	14625	20.08	2.76	20.27	262
12650	36.24	-18.71	40.78	297	13650	37.74	-1.58	37.77	272	14650	20.19	3.57	20.50	260
12675	36.08	-18.91	40.74	297	13675	38.52	-1.84	38.57	273	14675	20.41	4.45	20.88	258
12700	36.04	-18.79	40.65	297	13700	39.83	-1.64	39.86	272	14700	20.59	4.41	21.05	258
12725	36.11	-19.16	40.88	298	13725	40.50	-2.22	40.56	273	14725	20.79	4.72	21.32	257
12750	36.12	-19.26	40.94	298	13750	40.75	-3.01	40.86	274	14750	21.21	5.98	22.04	254
12775	36.23	-18.86	40.84	297	13775	41.62	-2.75	41.72	274	14775	21.35	6.26	22.25	253
12800	36.24	-18.76	40.81	297	13800	42.24	-3.07	42.35	274	14800	21.56	7.03	22.68	252
12825	36.15	-18.18	40.46	297	13825	42.63	-3.69	42.79	275	14825	22.01	7.53	23.26	251
12850	35.99	-17.73	40.12	296	13850	43.01	-3.50	43.15	274	14850	22.26	6.68	23.24	253
12875	35.66	-17.76	39.84	296	13875	43.23	-3.82	43.39	275	14875	22.45	5.96	23.23	255
12900	35.16	-17.26	39.17	296	13900	43.40	-4.95	43.68	276	14900	22.60	5.07	23.16	257
12925	34.62	-16.89	38.52	296	13925	43.79	-5.83	44.18	277	14925	22.71	4.02	23.06	260
12950	33.93	-16.88	37.90	296	13950	44.40	-6.36	44.85	278	14950	22.87	3.32	23.11	262
12975	33.53	-16.57	37.40	296	13975	45.25	-7.04	45.79	279	14975	22.55	2.49	22.68	264
13000	33.25	-16.52	37.13	296	14000	45.48	-7.66	46.12	279	15000	21.51	1.60	21.57	266
13025	33.21	-16.38	37.03	296	14025	44.88	-8.54	45.68	281	15025	20.28	0.97	20.30	267
13050	33.07	-16.01	36.74	296	14050	43.52	-9.10	44.46	282	15050	19.41	1.56	19.47	265
13075	32.68	-15.51	36.17	295	14075	42.01	-9.04	42.97	282	15075	19.28	2.13	19.39	264
13100	32.40	-14.74	35.60	294	14100	40.07	-9.51	41.18	283	15100	19.07	1.92	19.17	264
13125	32.04	-13.99	34.96	293	14125	38.34	-9.65	39.54	284	15125	19.11	2.63	19.29	262
13150	31.58	-13.23	34.24	293	14150	36.93	-8.81	37.96	283	15150	18.92	3.41	19.23	260
13175	31.34	-12.38	33.70	291	14175	35.28	-8.15	36.21	283	15175	18.15	3.57	18.50	259
13200	31.53	-11.15	33.44	289	14200	33.76	-7.86	34.67	283	15200	17.68	4.02	18.13	257
13225	31.96	-10.22	33.55	288	14225	31.99	-6.95	32.73	282	15225	17.46	3.98	17.90	257
13250	32.01	-9.75	33.46	287	14250	30.11	-5.40	30.59	280	15250	17.14	3.47	17.49	258
13275	31.97	-8.87	33.18	285	14275	28.66	-4.54	29.01	279	15275	17.50	3.58	17.87	258
13300	32.37	-7.99	33.34	284	14300	27.05	-3.90	27.33	278	15300	18.02	3.41	18.34	259
13325	32.82	-7.19	33.59	282	14325	26.24	-3.78	26.51	278	15325	18.10	3.54	18.44	259
13350	33.28	-6.43	33.89	281	14350	25.05	-3.45	25.28	278	15350	18.20	3.87	18.61	258
13375	33.37	-6.10	33.93	280	14375	24.01	-2.63	24.16	276	15375	18.30	3.24	18.58	260
13400	33.65	-5.19	34.05	279	14400	23.43	-2.28	23.54	275	15400	18.21	2.63	18.40	262
13425	33.84	-4.16	34.10	277	14425	22.60	-1.41	22.65	273	15425	18.34	2.97	18.58	261
13450	34.18	-3.43	34.35	276	14450	21.78	-0.87	21.80	272	15450	18.47	2.73	18.67	261
13475	34.41	-3.05	34.55	275	14475	20.96	-0.37	20.96	271	15475	18.65	1.97	18.76	264
13500	35.08	-2.58	35.17	274	14500	20.75	0.27	20.75	269	15500	18.82	1.89	18.92	264

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2579 04/27/65, 0219Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15525	18.87	1.21	18.91	266	16525	15.37	6.05	16.52	248					
15550	18.76	0.47	18.77	268	16550	15.31	6.51	16.64	247					
15575	18.81	0.55	18.82	268	16575	15.33	6.23	16.55	248					
15600	18.47	0.64	18.48	268	16600	15.57	5.71	16.58	250					
15625	17.41	0.59	17.42	268	16625	15.91	5.67	16.89	250					
15650	16.79	0.94	16.81	267	16650	16.55	6.05	17.62	250					
15675	16.02	1.02	16.05	266	16675	17.31	5.82	18.26	251					
15700	15.27	1.15	15.32	266	16700	17.48	5.38	18.29	253					
15725	14.22	1.46	14.29	264	16725	16.64	5.32	17.47	252					
15750	13.56	2.01	13.71	261	16750	15.63	5.83	16.68	249					
15775	12.65	2.80	12.95	257	16775	14.59	6.77	16.09	245					
15800	12.60	3.24	13.03	255	16800	14.06	6.93	15.68	244					
15825	13.01	3.51	13.47	255	16825	13.68	7.29	15.50	242					
15850	13.32	2.70	13.59	258	16850	13.67	7.99	15.84	240					
15875	13.62	1.99	13.76	261	16875	13.58	8.31	15.91	238					
15900	14.39	1.84	14.51	263	16900	13.57	8.72	16.13	237					
15925	14.48	2.12	14.63	261	16925	13.47	8.99	16.20	236					
15950	14.23	2.99	14.54	258	16950	13.30	9.40	16.29	235					
15975	13.62	3.54	14.07	255	16975	13.26	9.80	16.49	233					
16000	13.52	3.88	14.07	254	17000	12.97	10.22	16.52	232					
16025	13.74	4.17	14.36	253	17025	12.83	10.64	16.67	230					
16050	12.80	4.40	13.53	251	17050	12.83	10.71	16.71	230					
16075	13.04	4.88	13.92	249	17075	12.71	10.66	16.59	230					
16100	13.27	4.55	14.03	251	17100	12.77	10.69	16.65	230					
16125	13.13	4.16	13.78	252	17125	12.78	10.69	16.67	230					
16150	12.98	4.53	13.74	251										
16175	12.90	4.30	13.59	251										
16200	13.02	4.25	13.70	252										
16225	12.96	4.34	13.66	251										
16250	12.76	4.40	13.50	251										
16275	13.06	4.64	13.86	250										
16300	13.24	4.48	13.98	251										
16325	13.12	4.48	13.86	251										
16350	13.14	5.02	14.07	249										
16375	13.36	5.73	14.54	247										
16400	13.93	6.12	15.21	246										
16425	14.41	6.22	15.69	246										
16450	14.73	6.52	16.11	246										
16475	14.98	6.71	16.42	246										
16500	15.31	6.20	16.52	248										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-4 04/27/65, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
275	2.77	6.89	7.42	202	1275	5.56	2.59	6.13	245	2275	6.02	2.14	6.39	250
300	2.08	7.22	7.51	196	1300	5.79	2.39	6.27	247	2300	6.06	2.07	6.40	251
325	1.53	7.79	7.94	191	1325	5.94	2.44	6.42	247	2325	6.08	2.03	6.41	251
350	1.84	8.15	8.35	193	1350	5.90	2.57	6.44	246	2350	6.24	1.95	6.54	252
375	2.02	8.22	8.47	194	1375	5.78	2.82	6.43	244	2375	6.11	1.91	6.40	252
400	1.93	7.84	8.08	194	1400	5.61	2.86	6.30	243	2400	5.93	2.03	6.27	251
425	2.16	6.91	7.24	197	1425	5.44	2.72	6.08	243	2425	6.07	2.09	6.42	251
450	2.57	6.46	6.96	202	1450	5.46	2.74	6.10	243	2450	6.12	2.02	6.45	251
475	3.34	6.78	7.56	206	1475	5.52	2.76	6.18	243	2475	6.16	2.14	6.52	251
500	4.08	6.58	7.75	212	1500	5.47	2.70	6.10	244	2500	6.16	2.34	6.59	249
525	3.76	5.44	6.62	214	1525	5.43	2.73	6.08	243	2525	5.97	2.53	6.48	247
550	3.08	5.08	5.94	211	1550	5.24	2.77	5.93	242	2550	5.76	2.82	6.42	244
575	3.01	5.67	6.42	208	1575	4.84	2.79	5.58	240	2575	5.74	3.03	6.49	242
600	3.37	7.11	7.87	205	1600	4.61	2.83	5.41	238	2600	5.75	2.93	6.45	243
625	3.89	8.06	8.95	206	1625	4.48	2.83	5.30	238	2625	5.74	2.84	6.40	243
650	3.92	7.75	8.69	207	1650	4.35	2.93	5.24	236	2650	6.04	2.80	6.66	245
675	3.55	7.29	8.11	206	1675	4.34	3.08	5.32	234	2675	6.38	2.65	6.91	247
700	3.24	7.26	7.95	204	1700	4.40	3.13	5.40	234	2700	6.50	2.44	6.94	249
725	3.35	7.35	8.08	204	1725	4.38	3.31	5.49	233	2725	6.56	2.31	6.96	250
750	3.70	7.17	8.07	207	1750	4.40	3.41	5.56	232	2750	6.68	2.09	7.00	252
775	3.77	6.60	7.60	209	1775	4.68	3.37	5.77	234	2775	6.75	1.78	6.98	255
800	3.94	6.10	7.26	213	1800	4.89	3.42	5.97	235	2800	6.61	1.61	6.80	256
825	4.10	5.91	7.19	215	1825	4.82	3.36	5.88	235	2825	6.46	1.48	6.63	257
850	4.21	5.96	7.29	215	1850	4.88	3.20	5.83	237	2850	6.35	1.24	6.47	259
875	4.50	6.27	7.72	215	1875	4.94	2.97	5.76	239	2875	6.10	0.77	6.15	263
900	4.83	6.32	7.96	217	1900	4.91	2.77	5.64	240	2900	5.85	0.44	5.87	265
925	4.90	5.98	7.73	219	1925	4.84	2.73	5.56	240	2925	5.62	0.32	5.63	267
950	4.69	5.54	7.26	220	1950	4.89	2.60	5.54	242	2950	5.29	0.20	5.30	268
975	4.63	5.28	7.02	221	1975	5.20	2.32	5.69	246	2975	5.06	0.02	5.06	270
1000	4.66	5.23	7.01	221	2000	5.50	2.11	5.89	249	3000	4.94	-0.04	4.94	270
1025	4.80	5.11	7.01	223	2025	5.68	1.99	6.01	251	3025	4.74	0.05	4.74	269
1050	5.09	4.67	6.91	227	2050	5.77	1.92	6.08	251	3050	4.41	0.31	4.42	266
1075	5.43	4.40	6.99	231	2075	5.74	1.84	6.03	252	3075	4.19	0.85	4.27	258
1100	5.75	4.29	7.17	233	2100	5.69	1.75	5.95	253	3100	4.06	1.32	4.26	252
1125	5.80	3.91	7.07	236	2125	5.65	1.76	5.92	252	3125	3.87	1.61	4.19	247
1150	5.76	3.59	6.79	238	2150	5.71	1.79	5.98	252	3150	3.74	2.01	4.25	242
1175	5.69	3.41	6.64	239	2175	5.79	1.80	6.06	253	3175	3.84	2.10	4.37	241
1200	5.60	3.30	6.50	239	2200	5.79	1.79	6.06	253	3200	4.06	1.89	4.48	245
1225	5.46	3.23	6.34	239	2225	5.87	1.93	6.18	252	3225	4.08	1.83	4.48	246
1250	5.45	2.99	6.22	241	2250	5.95	2.15	6.33	250	3250	4.03	1.77	4.40	246

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-4 04/27/65, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3275	4.00	1.68	4.34	247	4275	5.92	6.28	8.63	223	5275	9.88	3.00	10.32	253
3300	3.99	1.47	4.25	250	4300	5.97	6.00	8.47	225	5300	9.94	3.05	10.40	253
3325	3.96	1.38	4.19	251	4325	5.84	5.55	8.06	226	5325	9.94	3.19	10.44	252
3350	3.95	1.75	4.32	246	4350	5.71	5.37	7.84	227	5350	10.11	3.40	10.67	251
3375	4.31	1.99	4.75	245	4375	5.44	5.49	7.73	225	5375	9.98	3.64	10.62	250
3400	4.82	1.83	5.16	249	4400	5.26	5.30	7.47	225	5400	9.88	3.96	10.64	248
3425	5.17	1.77	5.47	251	4425	5.32	5.14	7.40	226	5425	10.07	4.30	10.95	247
3450	5.21	2.09	5.62	248	4450	5.30	5.14	7.39	226	5450	10.14	4.52	11.10	246
3475	5.06	2.66	5.71	242	4475	5.41	4.88	7.29	228	5475	10.23	4.48	11.17	246
3500	4.97	3.19	5.90	237	4500	5.79	4.54	7.35	232	5500	10.31	4.48	11.24	246
3525	4.97	3.65	6.17	234	4525	6.00	4.12	7.28	235	5525	10.29	4.38	11.19	247
3550	5.04	4.07	6.48	231	4550	5.58	3.61	6.65	237	5550	10.33	4.49	11.27	246
3575	5.09	4.32	6.68	229	4575	5.25	3.45	6.29	236	5575	10.32	4.72	11.35	245
3600	5.04	4.48	6.75	228	4600	5.39	3.30	6.32	238	5600	10.24	4.63	11.24	245
3625	4.91	4.71	6.80	226	4625	5.66	3.33	6.57	239	5625	10.27	4.55	11.24	246
3650	5.08	4.87	7.04	226	4650	6.21	3.33	7.05	242	5650	10.39	4.64	11.37	246
3675	5.59	4.89	7.43	229	4675	6.91	3.15	7.60	245	5675	10.43	4.67	11.43	246
3700	5.98	5.06	7.84	230	4700	7.47	3.14	8.10	247	5700	10.33	4.34	11.21	247
3725	6.37	5.45	8.38	229	4725	7.91	2.99	8.45	249	5725	10.54	3.94	11.25	249
3750	6.90	5.81	9.02	230	4750	7.67	2.38	8.03	253	5750	10.82	3.54	11.38	252
3775	7.14	6.31	9.53	228	4775	8.19	2.04	8.44	256	5775	10.68	3.20	11.15	253
3800	7.17	6.67	9.79	227	4800	9.50	1.81	9.67	259	5800	10.53	3.44	11.08	252
3825	7.10	6.84	9.86	226	4825	9.88	1.43	9.98	262	5825	10.90	3.93	11.59	250
3850	7.20	7.10	10.11	225	4850	9.95	1.11	10.01	263	5850	11.86	4.21	12.59	250
3875	7.43	7.23	10.37	226	4875	9.83	0.97	9.88	264	5875	12.60	4.54	13.39	250
3900	7.20	7.09	10.10	225	4900	9.76	1.06	9.82	264	5900	13.04	4.45	13.78	251
3925	6.81	6.89	9.69	224	4925	9.74	1.37	9.84	262	5925	13.76	4.10	14.36	253
3950	6.55	6.82	9.46	224	4950	9.73	1.72	9.88	260	5950	14.68	3.81	15.16	255
3975	6.27	6.79	9.24	223	4975	9.64	1.93	9.83	258	5975	15.53	3.36	15.89	258
4000	6.13	6.90	9.23	221	5000	9.54	2.19	9.79	257	6000	15.86	2.93	16.13	259
4025	6.09	7.08	9.34	221	5025	9.53	2.28	9.80	256	6025	16.04	2.32	16.21	262
4050	6.24	7.20	9.53	221	5050	9.39	2.33	9.67	256	6050	16.27	2.13	16.41	262
4075	6.51	7.54	9.96	221	5075	9.23	2.51	9.57	255	6075	16.40	2.11	16.54	262
4100	6.68	7.69	10.19	221	5100	9.01	2.60	9.38	254	6100	16.35	1.93	16.46	263
4125	6.50	7.65	10.04	220	5125	8.90	2.63	9.28	253	6125	16.55	1.78	16.65	264
4150	6.05	7.83	9.90	217	5150	9.03	2.62	9.40	254	6150	16.92	1.74	17.01	264
4175	5.96	7.87	9.88	217	5175	9.27	2.73	9.66	253	6175	17.08	1.51	17.14	265
4200	6.08	7.57	9.71	219	5200	9.50	2.77	9.90	254	6200	17.26	1.37	17.32	265
4225	6.11	7.03	9.31	221	5225	9.58	2.69	9.95	254	6225	17.31	1.68	17.39	264
4250	6.02	6.57	8.91	222	5250	9.73	2.82	10.13	254	6250	17.11	2.07	17.23	263

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-97 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-4 04/27/65, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6275	17.06	2.29	17.21	262	7275	17.38	3.53	17.74	258	8275	26.66	-3.23	26.85	277
6300	16.98	2.32	17.14	262	7300	17.65	3.42	17.98	259	8300	27.39	-3.19	27.57	276
6325	16.82	2.42	17.00	262	7325	17.98	2.84	18.20	261	8325	27.87	-3.27	28.06	277
6350	16.86	2.34	17.02	262	7350	18.27	2.77	18.48	261	8350	28.25	-3.22	28.44	276
6375	16.98	2.21	17.12	262	7375	18.58	2.74	18.79	261	8375	28.54	-3.33	28.74	276
6400	16.95	2.16	17.08	263	7400	19.01	2.59	19.19	262	8400	28.76	-3.48	28.97	277
6425	17.13	2.01	17.25	263	7425	19.30	2.79	19.50	262	8425	29.44	-3.57	29.65	277
6450	17.34	1.96	17.45	263	7450	19.41	2.97	19.63	261	8450	30.00	-3.94	30.26	277
6475	17.23	1.93	17.34	263	7475	19.79	3.25	20.05	260	8475	30.13	-4.04	30.40	277
6500	17.19	1.67	17.27	264	7500	20.05	3.33	20.32	260	8500	30.16	-3.85	30.41	277
6525	17.21	1.41	17.27	265	7525	20.22	3.56	20.53	260	8525	30.11	-3.75	30.34	277
6550	17.08	1.21	17.12	266	7550	20.44	3.85	20.80	259	8550	30.21	-3.87	30.46	277
6575	16.81	1.00	16.84	266	7575	20.47	4.01	20.86	259	8575	30.19	-4.21	30.48	278
6600	16.74	0.94	16.77	267	7600	20.66	4.16	21.08	258	8600	29.99	-4.37	30.30	278
6625	16.66	0.94	16.68	267	7625	21.07	3.94	21.43	259	8625	29.71	-4.00	29.98	277
6650	16.51	1.03	16.54	266	7650	21.47	3.47	21.75	261	8650	29.68	-3.99	29.95	277
6675	16.41	1.20	16.46	266	7675	21.81	3.32	22.06	261	8675	29.62	-4.08	29.90	278
6700	16.35	1.33	16.41	265	7700	21.86	2.94	22.06	262	8700	29.44	-4.03	29.72	278
6725	16.35	1.29	16.40	265	7725	21.49	2.61	21.65	263	8725	29.32	-4.00	29.59	278
6750	16.26	1.32	16.31	265	7750	21.29	2.41	21.43	263	8750	29.38	-4.07	29.66	278
6775	16.18	1.42	16.24	265	7775	21.53	1.98	21.62	265	8775	29.37	-4.23	29.67	278
6800	16.16	1.24	16.20	265	7800	21.89	1.35	21.94	266	8800	29.08	-4.13	29.37	278
6825	15.96	1.27	16.01	265	7825	22.12	0.79	22.13	268	8825	28.98	-3.97	29.25	278
6850	15.82	1.55	15.90	264	7850	21.98	0.77	21.99	268	8850	29.02	-3.74	29.26	277
6875	15.84	1.59	15.92	264	7875	21.73	0.22	21.73	269	8875	28.86	-3.60	29.08	277
6900	16.00	1.68	16.09	264	7900	21.74	0.15	21.74	269	8900	28.32	-4.01	28.61	278
6925	16.04	1.73	16.13	264	7925	21.94	0.10	21.94	270	8925	27.73	-4.21	28.05	278
6950	15.96	1.62	16.04	264	7950	22.43	-0.39	22.44	271	8950	27.07	-4.12	27.38	278
6975	16.13	1.83	16.24	263	7975	22.92	-0.31	22.92	271	8975	26.48	-4.21	26.82	279
7000	16.13	2.28	16.29	262	8000	23.14	-0.50	23.15	271	9000	25.82	-3.99	26.13	279
7025	15.94	2.67	16.16	260	8025	23.38	-0.60	23.39	271	9025	24.93	-3.74	25.21	278
7050	15.99	2.91	16.25	259	8050	23.75	-0.37	23.75	271	9050	24.30	-3.95	24.62	279
7075	16.14	3.14	16.44	259	8075	24.06	-0.67	24.07	271	9075	24.08	-4.23	24.45	280
7100	16.15	3.32	16.48	258	8100	24.51	-1.36	24.55	273	9100	23.90	-4.52	24.33	281
7125	16.08	3.38	16.43	258	8125	24.90	-1.73	24.96	274	9125	23.59	-4.96	24.11	282
7150	16.09	3.52	16.47	257	8150	25.24	-1.90	25.31	274	9150	23.29	-5.23	23.87	282
7175	16.04	3.75	16.47	257	8175	25.60	-2.16	25.69	275	9175	23.00	-5.35	23.61	283
7200	16.22	3.68	16.63	257	8200	25.83	-2.53	25.95	275	9200	22.67	-5.66	23.36	284
7225	16.62	3.70	17.03	257	8225	25.98	-2.89	26.14	276	9225	22.50	-6.09	23.31	285
7250	17.01	3.66	17.40	258	8250	26.15	-3.17	26.34	277	9250	22.67	-6.42	23.56	286

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-4 04/27/65, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9275	22.83	-6.66	23.79	286	10275	34.01	-9.78	35.39	286	11275	38.81	-11.01	40.34	286
9300	22.95	-6.63	23.89	286	10300	34.09	-9.88	35.50	286	11300	38.83	-10.73	40.28	285
9325	23.14	-6.70	24.09	286	10325	34.51	-10.39	36.04	287	11325	38.88	-10.69	40.33	285
9350	23.35	-6.99	24.37	286	10350	35.01	-10.42	36.53	286	11350	39.16	-10.29	40.49	285
9375	23.36	-6.83	24.34	286	10375	35.44	-9.96	36.82	286	11375	39.35	-9.86	40.57	284
9400	23.68	-6.46	24.54	285	10400	35.48	-9.89	36.84	285	11400	39.23	-10.04	40.49	284
9425	23.95	-6.45	24.81	285	10425	35.49	-10.28	36.95	286	11425	39.28	-9.91	40.51	284
9450	23.98	-6.64	24.89	285	10450	35.57	-10.29	37.02	286	11450	39.25	-9.38	40.36	283
9475	24.12	-6.46	24.97	285	10475	35.74	-10.35	37.20	286	11475	38.83	-9.32	39.93	283
9500	23.97	-6.08	24.73	284	10500	36.02	-10.64	37.56	286	11500	38.71	-8.75	39.68	283
9525	23.55	-5.91	24.28	284	10525	35.97	-10.36	37.43	286	11525	38.66	-8.42	39.56	282
9550	23.56	-5.79	24.26	284	10550	36.03	-10.24	37.46	286	11550	38.62	-8.28	39.50	282
9575	24.15	-5.70	24.82	283	10575	36.47	-10.30	37.90	286	11575	38.83	-7.90	39.63	281
9600	24.70	-5.70	25.35	283	10600	36.80	-10.10	38.16	285	11600	38.96	-8.13	39.80	282
9625	25.14	-6.08	25.87	283	10625	36.77	-10.34	38.19	286	11625	38.96	-8.08	39.79	282
9650	25.94	-6.52	26.74	284	10650	36.74	-10.68	38.26	286	11650	38.98	-8.15	39.83	282
9675	26.75	-6.58	27.55	284	10675	36.88	-10.80	38.43	286	11675	39.16	-8.10	39.99	281
9700	27.14	-6.27	27.86	283	10700	37.08	-10.94	38.66	286	11700	39.23	-8.11	40.05	281
9725	27.35	-6.60	28.14	283	10725	37.29	-10.63	38.77	286	11725	39.12	-7.97	39.92	281
9750	27.84	-7.34	28.80	285	10750	37.38	-10.37	38.79	285	11750	39.25	-7.68	39.99	281
9775	28.44	-7.47	29.41	285	10775	37.29	-10.37	38.70	285	11775	39.56	-7.85	40.33	281
9800	28.77	-7.48	29.72	284	10800	37.16	-9.98	38.48	285	11800	39.63	-8.09	40.44	281
9825	29.03	-7.79	30.06	285	10825	37.34	-9.97	38.65	285	11825	39.40	-8.24	40.25	282
9850	29.49	-7.75	30.49	285	10850	37.57	-10.08	38.90	285	11850	39.34	-7.53	40.06	281
9875	29.94	-7.74	30.92	284	10875	37.73	-10.25	39.10	285	11875	39.47	-6.56	40.01	279
9900	30.31	-7.77	31.29	284	10900	38.21	-11.00	39.76	286	11900	39.61	-6.00	40.06	278
9925	30.57	-7.83	31.56	284	10925	38.83	-11.72	40.56	287	11925	39.48	-6.02	39.94	278
9950	30.95	-8.06	31.99	284	10950	38.71	-11.29	40.32	286	11950	39.23	-6.22	39.72	279
9975	31.18	-7.63	32.10	284	10975	38.51	-11.06	40.06	286	11975	39.25	-5.85	39.68	278
10000	31.70	-7.82	32.65	284	11000	38.63	-11.46	40.29	286	12000	39.51	-5.69	39.92	278
10025	32.31	-8.26	33.35	284	11025	38.59	-11.49	40.27	286	12025	39.63	-5.81	40.06	278
10050	32.67	-8.23	33.69	284	11050	38.63	-11.52	40.32	286	12050	40.05	-5.53	40.43	278
10075	32.84	-8.43	33.91	284	11075	38.72	-11.33	40.35	286	12075	40.23	-6.25	40.71	279
10100	32.62	-9.04	33.85	285	11100	39.02	-11.00	40.82	287	12100	40.22	-6.78	40.79	279
10125	32.81	-9.08	34.04	285	11125	38.97	-11.47	40.62	286	12125	40.31	-6.29	40.80	279
10150	33.06	-8.90	34.24	285	11150	38.75	-10.51	40.15	285	12150	40.15	-5.38	40.51	277
10175	33.27	-9.09	34.49	285	11175	38.72	-11.34	40.35	286	12175	40.10	-5.03	40.42	277
10200	33.19	-8.77	34.33	285	11200	38.81	-11.38	40.44	286	12200	40.08	-4.77	40.36	277
10225	33.36	-8.94	34.53	285	11225	38.78	-11.04	40.32	286	12225	39.98	-4.30	40.21	276
10250	33.99	-9.71	35.35	286	11250	38.59	-11.19	40.18	286	12250	39.74	-4.33	39.98	276

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-4 04/27/65, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12275	40.16	-4.37	40.39	276	13275	42.60	-3.48	42.74	274	14275	40.81	-5.33	41.16	277
12300	40.49	-4.14	40.71	276	13300	42.65	-4.26	42.86	276	14300	40.48	-4.68	40.75	276
12325	40.58	-3.74	40.75	275	13325	42.80	-4.16	43.00	275	14325	39.96	-3.78	40.14	275
12350	40.69	-3.33	40.82	274	13350	42.88	-4.41	43.11	276	14350	39.48	-3.79	39.66	275
12375	40.86	-3.28	41.00	274	13375	43.18	-4.57	43.42	276	14375	38.73	-2.64	38.82	274
12400	40.91	-3.59	41.07	275	13400	43.56	-4.99	43.85	276	14400	37.77	-0.59	37.78	271
12425	40.80	-3.77	40.98	275	13425	43.80	-4.98	44.08	276	14425	37.13	-1.22	37.15	272
12450	41.12	-3.35	41.25	274	13450	44.18	-4.99	44.46	276	14450	36.52	0.07	36.52	270
12475	41.46	-3.38	41.60	274	13475	44.38	-5.87	44.77	277	14475	35.78	0.52	35.79	269
12500	41.51	-3.42	41.65	275	13500	44.78	-5.24	45.09	276	14500	35.14	1.19	35.16	268
12525	41.70	-3.39	41.84	274	13525	45.05	-5.89	45.43	277	14525	34.37	3.83	34.58	263
12550	41.75	-2.95	41.85	274	13550	44.77	-6.95	45.31	279	14550	33.68	1.88	33.73	267
12575	41.45	-2.40	41.52	273	13575	44.22	-6.42	44.68	278	14575	33.36	0.77	33.37	268
12600	41.28	-3.22	41.41	274	13600	43.80	-7.61	44.46	280	14600	33.22	1.16	33.24	268
12625	41.18	-3.31	41.32	274	13625	43.42	-7.53	44.07	280	14625	32.87	-0.80	32.88	271
12650	40.93	-3.30	41.06	274	13650	42.76	-7.43	43.40	280	14650	32.99	0.77	33.00	268
12675	40.93	-2.85	41.03	274	13675	42.78	-6.83	43.32	279	14675	33.08	-0.32	33.09	270
12700	41.42	-4.03	41.61	275	13700	42.47	-7.33	43.09	280	14700	32.90	-1.84	32.95	273
12725	42.01	-3.47	42.16	275	13725	41.87	-6.79	42.42	279	14725	32.30	-1.10	32.32	272
12750	42.15	-2.51	42.23	273	13750	41.36	-6.04	41.80	278	14750	31.69	-2.20	31.76	274
12775	42.09	-3.64	42.24	275	13775	40.76	-6.65	41.30	279	14775	31.66	-1.98	31.72	273
12800	42.01	-3.28	42.14	274	13800	40.15	-5.89	40.58	278	14800	31.29	-2.01	31.36	273
12825	41.89	-3.72	42.05	275	13825	39.77	-5.85	40.20	278	14825	31.01	-1.50	31.04	273
12850	41.79	-4.22	42.01	276	13850	39.78	-5.37	40.14	277	14850	30.18	-2.09	30.26	274
12875	41.84	-3.20	41.97	274	13875	39.96	-5.46	40.33	278	14875	30.09	-2.58	30.20	275
12900	42.01	-2.94	42.11	274	13900	40.04	-5.56	40.43	278	14900	29.94	-2.97	30.09	275
12925	41.94	-4.30	42.16	276	13925	39.81	-5.66	40.21	278	14925	29.22	-2.37	29.31	274
12950	42.09	-4.44	42.32	276	13950	39.89	-5.67	40.29	278	14950	28.63	-1.78	28.68	273
12975	42.02	-4.02	42.21	275	13975	40.02	-5.67	40.41	278	14975	27.60	-4.33	27.93	279
13000	41.98	-3.98	42.17	275	14000	40.14	-5.38	40.50	277	15000	27.18	-3.36	27.39	277
13025	42.21	-3.31	42.34	274	14025	40.25	-5.60	40.64	278	15025	26.15	-3.06	26.33	276
13050	42.15	-3.20	42.27	274	14050	40.32	-5.60	40.71	278	15050	25.45	-3.95	25.75	279
13075	42.23	-3.56	42.38	275	14075	40.27	-5.62	40.66	278	15075	25.50	-2.76	25.65	276
13100	42.52	-2.80	42.61	274	14100	40.30	-6.30	40.79	279	15100	25.25	-2.67	25.39	276
13125	42.56	-1.94	42.60	272	14125	40.19	-6.15	40.66	278	15125	24.86	-2.43	24.98	275
13150	42.55	-4.38	42.78	276	14150	40.00	-6.10	40.46	278	15150	24.22	-2.75	24.37	276
13175	42.71	-4.16	42.91	275	14175	39.86	-5.03	40.18	277	15175	23.28	-2.57	23.42	276
13200	42.60	-3.05	42.71	274	14200	40.11	-6.43	40.62	279	15200	22.03	-2.36	22.16	276
13225	42.61	-4.48	42.85	276	14225	40.63	-6.01	41.07	278	15225	21.52	-1.14	21.55	273
13250	42.77	-3.44	42.91	274	14250	40.72	-5.21	41.05	277	15250	21.21	-0.45	21.22	271

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-4 04/27/65, 1600Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15275	20.08	-0.22	20.08	270	16275	18.84	2.11	18.96	263					
15300	19.90	-0.05	19.90	270	16300	17.55	4.03	18.00	257					
15325	19.97	0.49	19.98	268	16325	17.24	4.17	17.74	256					
15350	19.70	1.54	19.76	265	16350	17.26	4.21	17.77	256					
15375	19.90	2.55	20.06	262	16375	17.05	5.22	17.83	253					
15400	20.53	3.17	20.77	261	16400	16.48	5.02	17.23	253					
15425	20.78	2.39	20.91	263	16425	16.11	5.68	17.08	250					
15450	21.29	3.12	21.51	261	16450	16.41	6.79	17.76	247					
15475	21.92	4.34	22.34	259	16475	16.41	8.21	18.35	243					
15500	22.01	3.05	22.22	262	16500	16.25	8.91	18.54	241					
15525	22.60	3.37	22.85	261	16525	16.31	8.93	18.60	241					
15550	23.15	4.10	23.51	260	16550	17.13	9.62	19.65	240					
15575	23.14	3.33	23.38	262	16575	17.36	9.38	19.73	241					
15600	23.60	3.85	23.91	261	16600	17.49	10.21	20.26	240					
15625	24.31	4.11	24.65	260	16625	18.42	9.99	20.95	241					
15650	24.35	4.22	24.71	260	16650	18.42	7.49	19.88	248					
15675	24.68	5.12	25.20	258	16675	18.23	6.74	19.44	249					
15700	25.10	5.24	25.65	258	16700	18.53	8.95	20.57	244					
15725	25.94	4.56	26.34	260	16725	18.58	8.38	20.38	246					
15750	26.48	5.48	27.04	258										
15775	27.21	5.33	27.73	259										
15800	27.61	4.48	27.97	261										
15825	28.30	4.32	28.63	261										
15850	28.54	2.61	28.66	265										
15875	29.06	1.95	29.13	266										
15900	29.37	1.93	29.44	266										
15925	29.02	0.86	29.03	268										
15950	29.12	0.41	29.13	269										
15975	29.31	1.20	29.34	267										
16000	29.25	0.31	29.25	269										
16025	28.81	0.06	28.81	270										
16050	27.14	-0.77	27.15	271										
16075	26.11	-0.75	26.12	271										
16100	25.29	0.24	25.29	269										
16125	24.92	-0.39	24.92	271										
16150	24.86	-0.41	24.86	271										
16175	23.37	-0.22	23.37	270										
16200	20.55	0.78	20.56	268										
16225	20.24	1.35	20.29	266										
16250	19.32	1.74	19.39	265										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-98

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2652-5 04/27/65, 1712Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
250	2.87	8.97	9.42	198	1250	5.81	3.07	6.57	242	2250	6.52	2.75	7.08	247
275	2.95	8.27	8.78	199	1275	5.92	3.10	6.68	242	2275	6.62	2.58	7.10	249
300	2.76	7.61	8.09	200	1300	6.11	3.18	6.89	242	2300	6.67	2.48	7.12	249
325	2.73	7.71	8.18	199	1325	6.22	3.33	7.06	242	2325	6.75	2.44	7.17	250
350	2.74	7.70	8.18	199	1350	6.14	3.46	7.04	240	2350	6.83	2.45	7.26	250
375	2.03	7.16	7.45	196	1375	6.03	3.51	6.98	240	2375	6.75	2.51	7.20	249
400	1.87	6.80	7.05	195	1400	6.14	3.67	7.15	239	2400	6.72	2.62	7.21	248
425	2.07	6.51	6.83	197	1425	6.27	3.84	7.35	238	2425	6.83	2.95	7.44	246
450	1.80	6.42	6.67	195	1450	6.21	3.78	7.26	238	2450	6.83	3.27	7.57	244
475	2.17	6.57	6.92	198	1475	6.03	3.87	7.16	237	2475	6.71	3.34	7.50	243
500	2.72	6.09	6.67	204	1500	5.83	4.05	7.10	235	2500	6.77	3.19	7.48	245
525	2.94	5.50	6.23	208	1525	5.80	4.11	7.11	234	2525	6.86	3.14	7.55	245
550	2.93	5.07	5.86	210	1550	5.82	4.22	7.19	234	2550	6.92	3.11	7.59	246
575	3.29	4.77	5.80	214	1575	5.90	4.21	7.25	234	2575	7.03	3.12	7.69	246
600	3.73	5.45	6.60	214	1600	5.90	4.07	7.17	235	2600	6.90	3.19	7.60	245
625	3.79	5.87	6.98	213	1625	5.80	3.83	6.95	236	2625	6.76	3.27	7.51	244
650	4.12	5.55	6.91	216	1650	5.87	3.65	6.91	238	2650	6.81	3.42	7.62	243
675	4.46	5.22	6.86	220	1675	6.05	3.45	6.97	240	2675	6.85	3.41	7.65	243
700	4.52	5.23	6.91	221	1700	6.40	3.07	7.10	244	2700	6.78	3.37	7.57	243
725	4.74	4.96	6.86	223	1725	6.73	2.68	7.24	248	2725	6.86	3.26	7.59	244
750	4.93	5.08	7.08	224	1750	6.62	2.42	7.05	250	2750	6.85	3.06	7.51	246
775	4.85	5.39	7.24	222	1775	6.33	2.26	6.72	250	2775	6.77	2.94	7.38	246
800	4.91	5.47	7.35	222	1800	6.13	2.19	6.51	250	2800	6.81	2.72	7.34	248
825	4.86	5.89	7.63	219	1825	5.98	2.31	6.41	249	2825	6.75	2.47	7.18	250
850	4.92	6.06	7.80	219	1850	6.20	2.39	6.64	249	2850	6.62	2.27	7.00	251
875	5.37	6.16	8.17	221	1875	6.72	2.49	7.17	249	2875	6.28	2.35	6.71	249
900	5.68	6.40	8.56	221	1900	7.03	2.79	7.57	248	2900	5.84	2.36	6.30	248
925	5.83	6.41	8.67	222	1925	6.81	2.89	7.40	247	2925	5.72	1.86	6.02	252
950	5.80	6.47	8.69	222	1950	6.51	2.82	7.09	246	2950	5.81	1.59	6.02	255
975	5.63	6.56	8.65	220	1975	6.44	2.89	7.06	246	2975	5.78	1.61	6.00	254
1000	5.57	6.20	8.34	222	2000	6.48	2.92	7.11	246	3000	5.64	1.56	5.86	254
1025	5.95	5.85	8.34	225	2025	6.65	2.83	7.22	247	3025	5.36	1.47	5.56	254
1050	6.53	5.36	8.45	230	2050	6.73	2.79	7.28	247	3050	4.93	1.40	5.12	254
1075	6.74	5.08	8.44	233	2075	6.75	2.85	7.33	247	3075	4.75	1.33	4.93	254
1100	7.10	5.05	8.71	234	2100	6.73	2.95	7.35	246	3100	4.78	1.40	4.98	254
1125	7.40	4.66	8.74	238	2125	6.58	3.08	7.27	245	3125	4.73	1.73	5.03	250
1150	7.14	4.20	8.29	239	2150	6.42	3.22	7.18	243	3150	4.62	2.07	5.06	246
1175	6.82	3.70	7.76	241	2175	6.43	3.21	7.19	243	3175	4.68	2.38	5.25	243
1200	6.36	3.28	7.16	243	2200	6.46	3.06	7.15	244	3200	4.68	2.71	5.41	240
1225	5.88	3.08	6.64	242	2225	6.45	2.91	7.08	246	3225	4.52	2.99	5.42	236

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2652-5 04/27/65, 1712Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3250	4.48	3.19	5.50	234	4250	6.66	4.43	7.99	236	5250	10.33	0.32	10.34	268
3275	4.59	3.18	5.58	235	4275	6.46	4.59	7.93	234	5275	10.22	0.60	10.24	266
3300	4.78	3.07	5.69	237	4300	6.19	4.72	7.78	233	5300	9.88	0.69	9.91	266
3325	4.84	2.93	5.66	239	4325	5.25	4.08	6.65	232	5325	9.64	0.70	9.66	266
3350	4.89	2.69	5.58	241	4350	5.53	3.81	6.72	235	5350	9.33	0.84	9.37	265
3375	5.04	2.50	5.62	243	4375	6.61	3.85	7.65	240	5375	9.07	0.95	9.12	264
3400	5.11	2.49	5.69	244	4400	7.34	3.80	8.27	242	5400	9.15	1.34	9.25	261
3425	5.27	2.57	5.87	244	4425	7.85	3.53	8.61	246	5425	9.12	1.81	9.29	259
3450	5.56	2.57	6.12	245	4450	7.29	2.90	7.85	248	5450	9.21	2.04	9.44	257
3475	6.08	2.34	6.52	249	4475	7.44	2.56	7.86	251	5475	9.20	2.21	9.46	256
3500	6.64	2.10	6.97	252	4500	8.05	2.20	8.34	255	5500	9.10	2.48	9.44	255
3525	7.07	2.22	7.41	252	4525	8.45	1.93	8.67	257	5525	8.98	2.64	9.36	253
3550	7.38	2.64	7.84	250	4550	8.71	1.73	8.88	259	5550	8.72	3.02	9.23	251
3575	7.48	2.98	8.06	248	4575	8.83	1.52	8.96	260	5575	8.75	3.50	9.42	248
3600	7.63	3.01	8.21	248	4600	9.06	1.32	9.16	262	5600	8.88	3.82	9.66	247
3625	7.74	3.00	8.30	249	4625	9.37	0.88	9.41	264	5625	8.99	3.97	9.83	246
3650	7.74	3.12	8.34	248	4650	9.60	0.61	9.62	266	5650	9.15	4.03	10.00	246
3675	7.67	3.29	8.35	247	4675	10.09	0.62	10.11	266	5675	9.49	4.09	10.33	246
3700	7.42	3.68	8.28	243	4700	10.30	0.38	10.30	268	5700	9.77	4.12	10.60	247
3725	7.48	4.09	8.52	241	4725	10.29	0.06	10.29	269	5725	9.87	4.32	10.77	246
3750	7.86	4.34	8.98	241	4750	10.46	-0.12	10.47	270	5750	9.80	4.42	10.75	246
3775	8.20	4.66	9.43	240	4775	10.45	-0.28	10.45	271	5775	9.64	4.48	10.63	245
3800	8.44	4.96	9.79	239	4800	10.73	-0.47	10.74	272	5800	9.74	4.50	10.73	245
3825	8.39	4.96	9.75	239	4825	11.18	-0.63	11.19	273	5825	9.93	4.44	10.88	246
3850	8.25	5.07	9.69	238	4850	11.24	-0.63	11.26	273	5850	10.00	4.45	10.95	246
3875	8.27	5.30	9.82	237	4875	11.10	-0.62	11.12	273	5875	9.98	4.35	10.89	246
3900	8.35	5.43	9.96	237	4900	11.07	-0.62	11.08	273	5900	10.09	4.40	11.01	246
3925	8.35	5.51	10.00	236	4925	11.02	-0.80	11.05	274	5925	10.71	4.91	11.78	245
3950	8.09	5.62	9.85	235	4950	10.77	-0.73	10.79	274	5950	11.58	5.44	12.79	245
3975	7.99	5.91	9.94	233	4975	10.63	-0.61	10.65	273	5975	12.19	5.25	13.28	247
4000	8.39	5.61	10.09	236	5000	10.49	-0.53	10.50	273	6000	12.56	4.84	13.46	249
4025	8.87	5.02	10.19	240	5025	10.35	-0.21	10.35	271	6025	13.08	4.56	13.85	251
4050	9.00	4.79	10.20	242	5050	10.29	-0.16	10.29	271	6050	13.46	4.25	14.12	252
4075	8.67	4.77	9.89	241	5075	10.25	-0.10	10.25	270	6075	13.73	3.89	14.27	254
4100	8.16	4.94	9.54	239	5100	10.10	0.02	10.10	270	6100	14.38	3.36	14.76	257
4125	7.84	5.02	9.31	237	5125	9.77	0.05	9.77	270	6125	14.79	3.06	15.10	258
4150	7.66	4.87	9.08	237	5150	9.96	-0.26	9.96	271	6150	14.88	2.86	15.15	259
4175	7.34	4.83	8.78	236	5175	9.93	-0.61	9.94	273	6175	14.84	2.95	15.13	259
4200	7.22	4.69	8.61	237	5200	10.00	-0.33	10.01	272	6200	14.49	3.48	14.90	256
4225	7.02	4.45	8.31	237	5225	10.36	0.10	10.36	269	6225	14.28	3.71	14.76	255

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2652-5 04/27/65, 1712Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6250	14.32	3.84	14.83	255	7250	18.35	5.51	19.16	253	8250	26.74	-0.20	26.74	270
6275	14.68	4.26	15.29	254	7275	18.41	5.40	19.18	253	8275	27.00	-0.51	27.00	271
6300	14.93	4.50	15.60	253	7300	18.30	5.39	19.08	253	8300	27.27	-0.72	27.28	271
6325	14.88	4.36	15.50	253	7325	18.55	5.33	19.30	254	8325	27.45	-0.62	27.45	271
6350	15.07	4.48	15.72	253	7350	19.08	5.06	19.74	255	8350	27.50	-0.75	27.51	271
6375	15.27	4.47	15.91	253	7375	19.99	4.82	20.56	256	8375	27.46	-1.03	27.48	272
6400	15.11	4.24	15.70	254	7400	21.29	4.40	21.74	258	8400	27.43	-1.27	27.46	272
6425	14.96	4.26	15.55	254	7425	21.72	4.15	22.11	259	8425	27.45	-1.47	27.49	273
6450	15.11	4.46	15.76	253	7450	21.75	4.29	22.17	259	8450	27.34	-1.52	27.39	273
6475	15.13	4.18	15.69	254	7475	21.75	4.18	22.15	259	8475	27.38	-2.04	27.46	274
6500	15.05	4.13	15.61	254	7500	21.59	4.14	21.99	259	8500	27.45	-2.30	27.54	275
6525	15.09	4.28	15.69	254	7525	21.76	4.10	22.14	259	8525	27.66	-2.49	27.77	275
6550	15.25	4.33	15.86	254	7550	21.92	3.80	22.25	260	8550	27.44	-2.57	27.56	275
6575	15.35	4.45	15.98	254	7575	21.73	3.58	22.03	260	8575	27.00	-2.07	27.08	274
6600	15.27	4.22	15.85	254	7600	21.55	3.59	21.85	260	8600	26.92	-2.09	27.00	274
6625	15.38	4.28	15.97	254	7625	21.43	3.61	21.73	260	8625	26.96	-2.03	27.03	274
6650	15.40	4.33	15.99	254	7650	21.42	3.58	21.72	260	8650	27.26	-1.85	27.32	274
6675	15.32	4.28	15.90	254	7675	21.34	3.44	21.62	261	8675	27.18	-1.82	27.24	274
6700	15.46	4.42	16.08	254	7700	21.09	3.41	21.36	261	8700	26.74	-1.40	26.77	273
6725	15.60	4.40	16.21	254	7725	20.92	3.55	21.22	260	8725	26.39	-1.98	26.46	274
6750	15.86	4.28	16.42	255	7750	20.80	3.42	21.08	260	8750	25.67	-1.87	25.73	274
6775	16.25	3.93	16.72	256	7775	20.59	3.48	20.89	260	8775	24.88	-1.36	24.91	273
6800	16.63	3.98	17.10	256	7800	20.51	3.61	20.82	260	8800	24.14	-1.64	24.20	274
6825	16.75	4.23	17.27	256	7825	20.80	3.72	21.13	260	8825	23.41	-1.96	23.49	275
6850	16.67	4.48	17.26	255	7850	21.10	3.84	21.45	259	8850	22.71	-2.07	22.80	275
6875	16.57	4.53	17.17	255	7875	21.47	3.52	21.76	260	8875	21.94	-1.54	21.99	274
6900	16.79	4.44	17.36	255	7900	21.98	3.46	22.25	261	8900	20.97	-1.20	21.00	273
6925	16.99	4.50	17.58	255	7925	22.39	3.48	22.65	261	8925	20.08	-1.73	20.16	275
6950	16.82	4.64	17.45	254	7950	22.82	3.05	23.02	262	8950	19.50	-1.90	19.59	275
6975	16.85	4.89	17.54	254	7975	23.19	2.67	23.34	263	8975	19.48	-1.93	19.58	275
7000	16.58	4.97	17.31	253	8000	23.50	2.29	23.62	264	9000	20.11	-2.50	20.27	277
7025	16.44	5.22	17.25	252	8025	23.73	1.71	23.79	266	9025	20.56	-2.69	20.73	277
7050	16.84	5.06	17.58	253	8050	23.71	1.41	23.75	266	9050	20.91	-3.10	21.14	278
7075	17.14	5.06	17.87	253	8075	23.62	1.21	23.65	267	9075	21.25	-3.64	21.56	280
7100	17.59	5.28	18.34	253	8100	23.81	0.83	23.83	268	9100	21.66	-3.68	21.97	279
7125	18.18	5.09	18.88	254	8125	24.49	0.70	24.50	268	9125	21.96	-3.27	22.20	278
7150	18.32	5.12	19.02	254	8150	25.02	0.67	25.03	268	9150	22.59	-3.85	22.92	279
7175	18.34	5.28	19.09	254	8175	25.35	0.27	25.35	269	9175	23.14	-4.55	23.59	281
7200	18.51	5.32	19.26	254	8200	25.85	0.14	25.85	269	9200	23.17	-4.42	23.59	281
7225	18.43	5.45	19.22	253	8225	26.31	0.22	26.32	269	9225	23.16	-4.39	23.57	281

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2652-5 04/27/65, 1712Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9250	23.33	-4.34	23.73	280	10250	32.14	-8.78	33.32	285	11250	38.32	-7.66	39.07	281
9275	23.45	-4.57	23.89	281	10275	32.55	-9.06	33.79	285	11275	38.45	-7.82	39.24	281
9300	23.57	-4.49	24.00	281	10300	33.16	-9.08	34.38	285	11300	38.68	-7.31	39.36	280
9325	23.53	-4.26	23.91	280	10325	33.34	-9.63	34.71	286	11325	38.54	-6.80	39.13	280
9350	23.61	-4.44	24.02	280	10350	33.83	-9.96	35.26	286	11350	38.41	-6.88	39.02	280
9375	23.76	-4.38	24.16	280	10375	34.28	-9.78	35.65	286	11375	38.66	-6.79	39.25	280
9400	23.82	-4.32	24.21	280	10400	34.15	-9.94	35.57	286	11400	38.57	-6.50	39.12	279
9425	23.95	-4.19	24.31	280	10425	34.21	-10.19	35.69	286	11425	38.52	-6.20	39.02	279
9450	24.14	-4.39	24.54	280	10450	34.38	-10.36	35.91	287	11450	38.80	-6.45	39.33	279
9475	24.87	-5.04	25.38	281	10475	34.63	-10.49	36.18	287	11475	39.00	-5.87	39.44	278
9500	25.24	-5.35	25.80	282	10500	34.94	-10.73	36.55	287	11500	39.40	-5.51	39.78	278
9525	25.30	-5.56	25.90	282	10525	35.17	-10.83	36.80	287	11525	40.11	-6.19	40.59	279
9550	25.52	-5.77	26.17	283	10550	35.25	-11.00	36.92	287	11550	40.51	-6.47	41.02	279
9575	25.76	-5.83	26.41	283	10575	35.45	-11.46	37.25	288	11575	40.57	-6.22	41.04	279
9600	25.64	-5.82	26.30	283	10600	35.72	-11.80	37.62	288	11600	40.72	-5.84	41.14	278
9625	25.45	-5.83	26.11	283	10625	35.98	-12.07	37.95	288	11625	40.92	-6.38	41.41	279
9650	25.30	-5.56	25.90	282	10650	36.28	-12.11	38.25	288	11650	40.82	-6.79	41.38	279
9675	25.50	-5.45	26.08	282	10675	36.74	-12.00	38.65	288	11675	40.80	-6.31	41.28	279
9700	26.04	-5.67	26.64	282	10700	36.92	-11.70	38.73	287	11700	40.85	-6.24	41.32	278
9725	26.43	-5.46	26.99	281	10725	37.18	-11.65	38.96	287	11725	41.32	-6.84	41.88	279
9750	26.61	-5.45	27.16	281	10750	37.61	-11.38	39.29	287	11750	41.66	-7.04	42.26	279
9775	27.27	-6.24	27.97	283	10775	38.24	-11.15	39.84	286	11775	41.59	-6.92	42.16	279
9800	28.00	-6.72	28.80	283	10800	38.66	-11.08	40.22	286	11800	41.56	-6.81	42.11	279
9825	28.20	-6.75	29.00	283	10825	38.67	-10.91	40.18	286	11825	41.56	-6.97	42.14	279
9850	28.41	-6.81	29.22	283	10850	38.90	-10.87	40.39	285	11850	41.74	-7.01	42.33	279
9875	28.84	-6.90	29.65	283	10875	38.98	-10.57	40.38	285	11875	41.96	-7.18	42.57	280
9900	29.60	-7.16	30.45	283	10900	38.96	-10.67	40.40	285	11900	42.01	-6.98	42.59	279
9925	29.81	-7.31	30.69	284	10925	39.00	-10.22	40.32	284	11925	41.99	-6.40	42.48	278
9950	29.64	-7.45	30.56	284	10950	38.95	-9.72	40.14	284	11950	41.81	-6.89	42.37	279
9975	29.91	-7.74	30.90	284	10975	39.09	-9.76	40.29	284	11975	41.59	-6.59	42.11	279
10000	30.03	-7.82	31.03	284	11000	38.89	-9.64	40.07	284	12000	41.62	-6.98	42.20	279
10025	30.04	-7.86	31.05	284	11025	38.64	-9.48	39.79	284	12025	41.87	-7.33	42.51	280
10050	30.19	-7.81	31.18	284	11050	38.71	-9.35	39.83	283	12050	41.99	-6.35	42.47	278
10075	30.41	-8.14	31.48	285	11075	38.59	-9.07	39.64	283	12075	42.04	-6.51	42.55	279
10100	30.82	-8.52	31.97	285	11100	38.53	-8.85	39.53	283	12100	42.05	-6.96	42.62	279
10125	31.13	-8.55	32.28	285	11125	38.40	-8.65	39.36	283	12125	42.16	-7.45	42.81	280
10150	31.19	-8.42	32.31	285	11150	38.50	-7.90	39.31	281	12150	42.30	-7.67	42.99	280
10175	31.37	-8.46	32.49	285	11175	38.82	-8.06	39.65	282	12175	42.13	-7.27	42.76	280
10200	31.49	-8.18	32.53	284	11200	38.70	-8.28	39.58	282	12200	41.78	-6.85	42.33	279
10225	31.69	-8.02	32.69	284	11225	38.45	-7.63	39.20	281	12225	41.62	-7.37	42.27	280

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-98 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-5 04/27/65, 1712Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12250	41.76	-7.01	42.34	279	13250	47.56	-3.10	47.66	274	14250	38.90	-4.15	39.12	276
12275	41.98	-6.59	42.49	279	13275	47.49	-2.36	47.55	273	14275	39.48	-4.22	39.70	276
12300	42.22	-6.62	42.74	279	13300	47.71	-2.17	47.76	272	14300	39.77	-3.44	39.92	275
12325	42.42	-5.47	42.77	277	13325	48.00	-2.43	48.06	273	14325	39.53	-3.01	39.65	274
12350	43.01	-4.53	43.24	276	13350	47.92	-2.47	47.98	273	14350	39.41	-2.88	39.51	274
12375	42.98	-4.26	43.19	275	13375	47.64	-3.85	47.79	274	14375	39.41	-1.32	39.44	272
12400	42.73	-3.95	42.91	275	13400	47.41	-3.57	47.54	274	14400	38.87	-0.31	38.87	270
12425	43.05	-4.05	43.24	275	13425	46.99	-4.73	47.23	276	14425	38.14	-1.18	38.16	272
12450	43.18	-3.31	43.31	274	13450	46.68	-5.96	47.06	277	14450	37.86	-1.39	37.89	272
12475	43.43	-2.98	43.53	274	13475	46.29	-5.99	46.68	277	14475	37.62	-1.60	37.65	272
12500	43.69	-3.34	43.82	274	13500	45.62	-5.85	45.99	277	14500	37.66	-1.25	37.68	272
12525	43.62	-3.20	43.74	274	13525	45.17	-5.95	45.56	277	14525	37.41	-0.16	37.41	270
12550	43.63	-2.45	43.70	273	13550	45.08	-6.70	45.58	278	14550	37.23	0.60	37.24	269
12575	43.60	-2.75	43.69	273	13575	44.62	-6.70	45.12	278	14575	37.22	0.69	37.23	269
12600	43.46	-3.00	43.56	274	13600	43.90	-6.01	44.31	278	14600	37.14	0.99	37.15	268
12625	43.63	-2.55	43.71	273	13625	43.25	-6.45	43.73	278	14625	36.94	0.95	36.95	268
12650	43.95	-2.70	44.03	273	13650	42.98	-6.89	43.52	279	14650	36.16	0.58	36.16	269
12675	44.44	-2.89	44.53	274	13675	42.77	-6.74	43.30	279	14675	35.23	0.97	35.25	268
12700	44.98	-2.90	45.07	273	13700	42.21	-7.02	42.79	279	14700	35.27	0.79	35.28	269
12725	45.20	-2.68	45.28	273	13725	41.34	-7.15	41.95	280	14725	35.00	1.03	35.02	268
12750	45.10	-2.55	45.18	273	13750	40.72	-6.72	41.27	279	14750	34.51	1.11	34.52	268
12775	45.01	-2.70	45.09	273	13775	40.43	-7.24	41.07	280	14775	33.84	-0.59	33.84	271
12800	45.01	-3.06	45.11	274	13800	40.72	-7.54	41.42	280	14800	33.09	-0.89	33.10	271
12825	45.23	-2.86	45.32	273	13825	40.58	-7.22	41.22	280	14825	31.92	-0.59	31.93	271
12850	45.29	-2.75	45.37	273	13850	39.81	-7.30	40.47	280	14850	31.21	-0.98	31.22	272
12875	45.19	-2.62	45.26	273	13875	39.13	-6.85	39.73	280	14875	30.35	-1.47	30.39	273
12900	45.05	-2.85	45.14	273	13900	38.98	-6.02	39.44	279	14900	29.05	-2.01	29.12	274
12925	44.89	-2.09	44.94	272	13925	39.24	-6.13	39.71	279	14925	27.68	-1.62	27.73	273
12950	44.90	-1.44	44.92	272	13950	39.17	-5.90	39.61	278	14950	26.94	-1.56	26.99	273
12975	45.42	-1.60	45.45	272	13975	39.21	-6.21	39.70	279	14975	25.44	-2.47	25.56	275
13000	46.07	-1.77	46.10	272	14000	38.94	-6.36	39.45	279	15000	24.58	-0.58	24.59	271
13025	45.88	-1.98	45.92	272	14025	38.64	-5.29	39.00	278	15025	24.25	-0.02	24.25	270
13050	45.92	-1.80	45.96	272	14050	38.55	-5.35	38.92	278	15050	23.14	0.10	23.14	270
13075	46.05	-1.86	46.09	272	14075	38.29	-5.70	38.71	278	15075	23.01	0.67	23.02	268
13100	45.76	-2.42	45.82	273	14100	38.40	-5.21	38.75	278	15100	22.66	0.94	22.68	267
13125	45.77	-2.77	45.85	273	14125	38.74	-3.83	38.93	275	15125	22.38	1.15	22.41	267
13150	45.75	-2.45	45.82	273	14150	39.05	-3.94	39.24	276	15150	22.21	1.24	22.25	267
13175	45.85	-2.88	45.94	273	14175	38.89	-5.00	39.21	277	15175	21.85	1.42	21.90	266
13200	45.96	-2.70	46.04	273	14200	38.57	-4.69	38.86	277	15200	21.98	1.86	22.06	265
13225	47.05	-2.22	47.10	272	14225	38.61	-3.52	38.77	275	15225	21.96	2.05	22.05	264

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-5 04/27/65, 1712Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15250	21.91	1.97	22.00	265										
15275	21.78	2.47	21.92	263										
15300	21.77	3.06	21.99	262										
15325	21.55	3.35	21.81	261										
15350	21.05	3.49	21.34	260										
15375	20.37	3.19	20.62	261										
15400	19.64	4.41	20.13	257										
15425	20.31	4.58	20.82	257										
15450	21.14	3.90	21.50	259										
15475	21.52	3.87	21.86	260										
15500	21.63	4.83	22.16	257										
15525	22.02	4.22	22.42	259										
15550	22.56	2.99	22.76	262										
15575	23.09	3.75	23.39	261										
15600	23.06	4.44	23.48	259										
15625	23.48	3.39	23.72	262										
15650	24.07	3.38	24.31	262										
15675	24.31	3.77	24.60	261										
15700	24.60	3.80	24.89	261										
15725	24.82	3.37	25.05	262										
15750	24.96	3.56	25.21	262										
15775	25.04	4.10	25.37	261										
15800	26.37	2.48	26.49	264										
15825	27.02	1.67	27.07	266										
15850	27.34	1.62	27.39	266										
15875	27.59	0.47	27.60	269										
15900	27.09	-0.30	27.09	270										
15925	25.91	0.09	25.91	270										
15950	24.63	-0.28	24.63	270										
15975	23.83	0.34	23.83	269										
16000	23.37	0.30	23.37	269										
16025	23.29	-0.51	23.29	271										
16050	22.44	0.10	22.44	270										
16075	21.61	-0.48	21.61	271										
16100	21.57	-0.32	21.58	271										
16125	20.99	0.46	20.99	269										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-9 04/27/65, 2220Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
300	2.32	5.73	6.18	202	1300	8.07	4.74	9.36	239	2300	11.56	2.36	11.80	258
325	2.80	5.14	5.85	208	1325	7.99	4.49	9.16	240	2325	10.64	2.15	10.86	258
350	3.17	4.87	5.81	213	1350	7.82	4.29	8.92	241	2350	10.13	2.37	10.40	257
375	3.84	4.87	6.20	218	1375	7.93	4.18	8.97	242	2375	9.81	2.67	10.16	255
400	4.64	4.89	6.75	223	1400	8.42	4.23	9.42	243	2400	9.53	2.80	9.93	253
425	5.31	4.90	7.22	227	1425	8.71	4.40	9.76	243	2425	9.66	2.63	10.01	255
450	5.80	4.88	7.58	230	1450	8.72	4.64	9.88	242	2450	10.55	2.51	10.84	256
475	6.08	4.78	7.74	232	1475	8.85	4.89	10.11	241	2475	11.19	2.84	11.55	256
500	6.24	4.83	7.89	232	1500	9.14	5.00	10.42	241	2500	10.82	3.00	11.22	254
525	6.28	4.98	8.02	231	1525	9.14	5.03	10.43	241	2525	10.72	2.81	11.08	255
550	6.07	4.93	7.82	231	1550	9.04	5.07	10.36	241	2550	10.33	2.23	10.57	258
575	5.93	4.88	7.68	230	1575	9.07	4.97	10.34	241	2575	9.40	1.87	9.58	259
600	6.19	4.98	7.95	231	1600	9.04	4.74	10.21	242	2600	9.77	1.49	9.88	261
625	6.60	5.03	8.30	232	1625	9.20	4.75	10.36	242	2625	10.36	1.20	10.43	263
650	6.96	5.04	8.60	234	1650	9.55	5.11	10.83	242	2650	9.79	1.61	9.92	260
675	7.25	5.00	8.81	235	1675	9.69	5.16	10.98	242	2675	9.18	1.27	9.27	262
700	7.27	4.97	8.81	235	1700	9.74	4.82	10.87	243	2700	9.20	0.30	9.21	268
725	6.99	4.99	8.59	234	1725	10.34	4.88	11.43	245	2725	10.35	0.73	10.38	266
750	6.74	4.99	8.39	233	1750	11.26	4.86	12.26	246	2750	10.69	0.73	10.72	266
775	6.64	5.01	8.32	233	1775	11.55	4.38	12.35	249	2775	10.90	-0.28	10.90	271
800	6.68	5.06	8.38	233	1800	11.06	4.14	11.81	249	2800	11.99	-0.52	12.00	272
825	7.02	5.08	8.66	234	1825	10.56	4.28	11.40	248	2825	12.75	0.76	12.78	266
850	7.25	5.00	8.81	235	1850	10.20	4.35	11.09	247	2850	12.99	2.66	13.26	258
875	7.21	4.96	8.75	235	1875	10.28	4.23	11.11	247	2875	13.39	3.21	13.77	256
900	7.09	5.03	8.70	234	1900	10.82	4.34	11.66	248	2900	13.63	2.99	13.95	257
925	6.93	5.22	8.68	233	1925	11.45	4.71	12.38	247	2925	13.70	2.70	13.97	259
950	6.97	5.43	8.83	232	1950	11.89	4.77	12.81	248	2950	14.16	2.81	14.44	259
975	6.94	5.46	8.83	232	1975	11.69	4.28	12.44	250	2975	14.65	2.91	14.94	259
1000	6.93	5.26	8.70	233	2000	11.35	3.62	11.91	252	3000	14.62	2.93	14.91	258
1025	7.31	5.21	8.98	234	2025	11.36	3.22	11.81	254	3025	14.64	3.00	14.94	258
1050	7.96	5.25	9.53	236	2050	11.68	3.06	12.08	255	3050	14.76	2.82	15.02	259
1075	8.28	5.15	9.75	238	2075	12.07	2.75	12.38	257	3075	14.87	2.44	15.07	260
1100	8.02	5.05	9.48	238	2100	11.93	2.47	12.18	258	3100	14.91	2.24	15.07	261
1125	7.74	4.98	9.20	237	2125	11.82	2.42	12.07	258	3125	14.89	2.07	15.03	262
1150	7.51	5.01	9.03	236	2150	11.88	2.51	12.15	258	3150	15.00	1.90	15.17	263
1175	7.33	4.93	8.83	236	2175	12.03	2.61	12.31	258	3175	15.22	1.56	15.30	264
1200	7.35	4.86	8.81	236	2200	12.42	2.72	12.71	257	3200	14.91	1.43	14.98	264
1225	7.33	4.86	8.80	236	2225	12.91	2.68	13.19	258	3225	14.74	2.21	14.90	261
1250	7.57	4.87	9.00	237	2250	13.14	2.71	13.42	258	3250	15.05	2.84	15.31	259
1275	7.97	4.88	9.34	238	2275	12.80	2.79	13.10	258	3275	15.14	2.87	15.41	259

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-9 04/27/65, 2220Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3300	15.48	2.91	15.76	259	4300	11.38	3.57	11.93	252	5300	18.15	2.60	18.34	262
3325	15.88	3.18	16.20	258	4325	11.28	3.41	11.79	253	5325	18.87	3.12	19.13	260
3350	15.56	3.01	15.84	259	4350	11.28	3.65	11.85	252	5350	19.17	4.42	19.67	257
3375	15.54	2.64	15.77	260	4375	11.23	3.90	11.88	251	5375	19.09	5.97	20.00	252
3400	15.87	3.26	16.20	258	4400	11.15	3.93	11.82	250	5400	18.71	6.02	19.66	252
3425	15.64	4.29	16.22	254	4425	11.13	3.69	11.73	251	5425	18.97	5.76	19.82	253
3450	15.13	4.52	15.79	253	4450	11.08	3.59	11.65	252	5450	20.14	5.78	20.96	254
3475	15.03	4.48	15.68	253	4475	11.23	3.34	11.71	253	5475	20.53	5.89	21.36	254
3500	15.30	4.31	15.89	254	4500	11.33	3.12	11.76	254	5500	20.04	6.51	21.07	252
3525	15.35	4.24	15.93	254	4525	11.56	3.36	12.04	254	5525	19.84	6.95	21.03	250
3550	15.33	4.22	15.90	254	4550	11.74	3.31	12.20	254	5550	20.07	7.20	21.32	250
3575	14.57	4.80	15.34	252	4575	11.66	3.11	12.06	255	5575	19.62	7.63	21.05	249
3600	13.18	5.94	14.46	246	4600	11.74	3.05	12.13	255	5600	18.37	7.70	19.92	247
3625	11.61	6.62	13.37	240	4625	11.92	2.93	12.27	256	5625	17.63	7.33	19.10	247
3650	9.84	6.74	11.93	235	4650	12.10	2.88	12.43	256	5650	17.55	6.96	18.88	248
3675	8.52	6.99	11.02	230	4675	12.18	2.81	12.50	257	5675	17.61	6.64	18.82	249
3700	7.41	7.30	10.40	225	4700	12.17	2.78	12.48	257	5700	17.41	6.13	18.45	250
3725	6.90	7.31	10.05	223	4725	12.10	2.80	12.42	257	5725	17.13	5.47	17.98	252
3750	6.70	7.30	9.91	222	4750	12.11	2.75	12.42	257	5750	17.07	5.36	17.89	252
3775	6.44	7.15	9.62	222	4775	12.13	2.74	12.44	257	5775	16.79	5.31	17.61	252
3800	6.18	6.59	9.04	223	4800	12.06	2.67	12.35	257	5800	16.38	5.00	17.13	253
3825	6.02	6.08	8.56	225	4825	12.26	2.64	12.54	258	5825	15.82	5.07	16.61	252
3850	5.99	5.55	8.45	225	4850	12.52	2.64	12.79	258	5850	15.37	5.30	16.25	251
3875	6.02	6.01	8.50	225	4875	12.53	2.62	12.80	258	5875	15.11	5.33	16.02	250
3900	6.46	6.01	8.82	227	4900	12.70	2.37	12.92	259	5900	15.05	5.32	15.97	250
3925	7.01	6.01	9.23	229	4925	13.12	2.19	13.30	260	5925	15.32	5.26	16.20	251
3950	7.08	5.95	9.25	230	4950	13.38	1.94	13.52	262	5950	15.38	5.48	16.33	250
3975	7.01	5.77	9.08	230	4975	13.57	1.72	13.68	263	5975	15.24	5.46	16.19	250
4000	7.45	5.80	9.44	232	5000	13.60	1.83	13.72	262	6000	15.38	5.30	16.26	251
4025	7.97	5.77	9.84	234	5025	13.54	1.85	13.66	262	6025	15.57	5.50	16.52	250
4050	8.33	5.57	10.02	236	5050	14.01	1.56	14.10	263	6050	15.66	5.22	16.51	251
4075	8.68	5.19	10.12	239	5075	14.26	1.30	14.32	265	6075	15.45	5.10	16.27	252
4100	9.01	4.94	10.28	241	5100	14.11	1.21	14.16	265	6100	15.20	5.14	16.04	251
4125	9.31	4.78	10.47	243	5125	14.39	0.96	14.42	266	6125	15.26	4.79	15.99	252
4150	9.56	4.67	10.64	244	5150	14.82	0.75	14.84	267	6150	15.13	4.84	15.89	252
4175	9.94	4.45	10.89	246	5175	15.36	0.92	15.39	266	6175	15.16	5.03	15.97	251
4200	10.42	4.15	11.21	248	5200	15.99	1.19	16.03	266	6200	15.27	5.10	16.10	251
4225	10.84	4.01	11.55	250	5225	16.58	2.25	16.73	262	6225	15.42	5.16	16.26	251
4250	11.09	3.81	11.72	251	5250	16.91	2.91	17.16	260	6250	15.52	5.21	16.37	251
4275	11.31	3.73	11.91	252	5275	17.25	2.59	17.44	261	6275	15.34	5.34	16.24	251

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-99 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-9 04/27/65, 2220Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6300	15.21	5.28	16.10	251	7300	15.72	-2.50	15.92	279	8300	19.05	-7.58	20.50	292
6325	14.98	5.41	15.93	250	7325	16.31	-3.57	16.69	282	8325	19.14	-7.64	20.61	292
6350	14.55	5.55	15.57	249	7350	17.39	-4.81	18.04	285	8350	19.17	-7.35	20.53	291
6375	14.53	5.63	15.59	249	7375	18.44	-5.56	19.26	287	8375	19.05	-7.15	20.34	290
6400	15.00	6.01	16.16	248	7400	19.23	-6.05	20.16	287	8400	18.92	-7.32	20.28	291
6425	15.18	6.13	16.37	248	7425	19.81	-6.49	20.84	288	8425	18.84	-7.09	20.13	290
6450	14.91	5.95	16.05	248	7450	19.77	-6.86	20.93	289	8450	18.99	-7.02	20.25	290
6475	14.80	6.05	15.99	248	7475	19.60	-7.15	20.87	290	8475	18.89	-7.07	20.17	290
6500	15.04	6.23	16.28	247	7500	19.65	-7.51	21.04	291	8500	18.68	-6.83	19.89	290
6525	15.35	5.89	16.44	249	7525	19.60	-7.76	21.08	291	8525	18.62	-6.78	19.82	290
6550	15.64	5.24	16.53	251	7550	19.34	-7.87	20.88	292	8550	18.09	-6.91	19.36	291
6575	15.68	4.84	16.41	253	7575	19.28	-8.00	20.88	292	8575	17.64	-6.62	18.84	290
6600	15.27	4.27	15.86	254	7600	19.55	-8.18	21.19	293	8600	17.47	-6.37	18.60	290
6625	14.84	3.76	15.31	256	7625	19.68	-8.23	21.33	293	8625	17.08	-6.38	18.23	290
6650	14.52	3.06	14.83	258	7650	19.99	-7.94	21.50	291	8650	17.00	-6.36	18.15	290
6675	13.75	2.32	13.94	260	7675	20.36	-7.56	21.72	290	8675	17.17	-6.23	18.26	290
6700	13.49	1.62	13.58	263	7700	20.44	-7.46	21.76	290	8700	17.11	-6.34	18.25	290
6725	13.59	1.28	13.65	264	7725	20.35	-7.49	21.68	290	8725	17.26	-6.44	18.42	290
6750	13.34	1.47	13.42	263	7750	20.01	-7.55	21.39	290	8750	17.56	-6.05	18.57	289
6775	13.15	1.49	13.23	263	7775	19.78	-7.48	21.14	291	8775	17.53	-5.80	18.47	288
6800	13.21	1.24	13.27	264	7800	19.53	-7.46	20.90	291	8800	17.51	-5.78	18.44	288
6825	13.53	0.93	13.56	266	7825	19.12	-7.86	20.67	292	8825	17.69	-5.40	18.50	287
6850	14.00	0.87	14.03	266	7850	18.60	-8.26	20.35	294	8850	17.78	-5.13	18.51	286
6875	13.93	0.71	13.95	267	7875	18.39	-8.55	20.28	295	8875	17.80	-5.21	18.55	286
6900	13.85	0.19	13.86	269	7900	18.68	-8.73	20.62	295	8900	18.09	-5.54	18.92	287
6925	13.84	-0.01	13.84	270	7925	19.07	-8.76	20.98	294	8925	18.57	-6.11	19.55	288
6950	13.90	-0.02	13.90	270	7950	19.44	-8.58	21.25	294	8950	18.62	-6.40	19.69	289
6975	14.09	-0.22	14.10	271	7975	19.90	-8.56	21.66	293	8975	18.66	-6.39	19.73	289
7000	14.09	-0.54	14.10	272	8000	19.81	-8.85	21.69	294	9000	18.95	-6.43	20.01	289
7025	14.12	-0.84	14.14	273	8025	19.59	-8.77	21.46	294	9025	19.01	-6.54	20.11	289
7050	13.89	-1.35	13.96	275	8050	19.79	-8.50	21.54	293	9050	18.89	-6.28	19.90	288
7075	13.79	-2.21	13.96	279	8075	19.94	-8.46	21.66	293	9075	18.81	-6.21	19.81	288
7100	14.29	-2.78	14.56	281	8100	19.85	-8.62	21.64	293	9100	18.80	-5.87	19.70	287
7125	14.80	-3.25	15.15	282	8125	19.53	-8.55	21.32	293	9125	18.72	-5.41	19.48	286
7150	14.98	-3.41	15.36	283	8150	19.65	-8.12	21.26	292	9150	18.78	-5.71	19.63	287
7175	14.69	-3.24	15.04	282	8175	19.74	-8.12	21.34	292	9175	18.77	-5.74	19.63	287
7200	14.63	-2.95	14.92	281	8200	19.62	-8.18	21.26	292	9200	18.78	-5.68	19.62	287
7225	14.71	-2.78	14.97	280	8225	19.51	-7.67	20.96	291	9225	18.77	-5.93	19.68	287
7250	14.82	-2.61	15.05	280	8250	19.34	-7.36	20.70	291	9250	19.04	-6.15	20.01	288
7275	15.28	-2.21	15.44	278	8275	19.20	-7.58	20.64	291	9275	19.30	-6.31	20.30	288

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-9 04/27/65, 2220Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9300	19.32	-6.32	20.33	288	10300	20.97	-5.82	21.76	285	11300	20.27	-1.82	20.35	275
9325	19.52	-6.32	20.51	288	10325	21.11	-5.57	21.83	285	11325	19.70	-1.25	19.74	273
9350	19.54	-6.21	20.51	287	10350	21.28	-5.60	22.01	285	11350	19.84	-1.50	19.90	274
9375	19.47	-6.27	20.45	288	10375	21.10	-5.58	21.83	285	11375	19.76	-1.35	19.81	274
9400	19.71	-6.45	20.74	288	10400	21.27	-5.27	21.91	284	11400	19.26	-1.17	19.30	273
9425	19.81	-6.44	20.83	288	10425	21.53	-5.41	22.20	284	11425	19.28	-2.21	19.41	276
9450	19.78	-6.72	20.89	289	10450	21.94	-6.01	22.74	285	11450	19.32	-2.13	19.43	276
9475	19.64	-6.60	20.72	288	10475	22.06	-5.84	22.82	285	11475	19.02	-1.65	19.09	275
9500	19.87	-6.84	21.02	289	10500	22.10	-5.51	22.77	284	11500	18.74	-1.81	18.83	275
9525	19.89	-7.14	21.14	290	10525	22.24	-5.44	22.90	284	11525	18.54	-1.70	18.62	275
9550	19.58	-7.23	20.87	290	10550	22.47	-5.65	23.17	284	11550	18.66	-2.03	18.77	276
9575	19.48	-7.55	20.89	291	10575	22.65	-6.03	23.44	285	11575	19.07	-2.34	19.21	277
9600	19.34	-7.32	20.68	291	10600	22.49	-5.59	23.17	284	11600	19.92	-2.36	20.06	277
9625	19.26	-7.33	20.61	291	10625	22.03	-5.79	22.78	285	11625	19.98	-2.52	20.14	277
9650	19.20	-7.47	20.60	291	10650	22.02	-6.10	22.84	285	11650	19.70	-2.25	19.83	276
9675	19.22	-7.27	20.55	291	10675	22.18	-5.45	22.84	284	11675	20.30	-1.58	20.36	274
9700	19.34	-7.36	20.69	291	10700	22.14	-5.51	22.81	284	11700	20.20	-1.50	20.26	274
9725	19.83	-7.30	21.13	290	10725	22.17	-5.38	22.81	283	11725	20.12	-2.39	20.26	277
9750	19.94	-7.19	21.20	290	10750	22.23	-5.68	22.94	284	11750	20.91	-2.24	21.03	276
9775	19.75	-7.05	20.97	289	10775	22.30	-5.61	22.99	284	11775	21.57	-0.82	21.58	272
9800	20.06	-6.65	21.13	288	10800	21.93	-5.19	22.53	283	11800	21.94	-1.21	21.97	273
9825	20.17	-6.86	21.31	289	10825	21.64	-5.38	22.30	284	11825	22.22	-2.25	22.33	276
9850	20.12	-6.47	21.13	288	10850	22.07	-4.30	22.48	281	11850	22.51	-2.35	22.64	276
9875	20.28	-6.27	21.23	287	10875	22.94	-3.05	23.14	277	11875	22.49	-2.74	22.66	277
9900	20.25	-6.49	21.26	288	10900	23.45	-2.69	23.61	276	11900	22.54	-3.54	22.82	279
9925	20.06	-6.25	21.01	287	10925	22.97	-2.67	23.13	276	11925	22.79	-3.01	22.99	277
9950	20.16	-6.18	21.08	287	10950	21.72	-2.79	21.89	277	11950	22.62	-3.20	22.84	278
9975	20.35	-6.85	21.47	288	10975	21.01	-2.60	21.17	277	11975	23.21	-3.72	23.51	279
10000	20.57	-6.88	21.69	288	11000	21.23	-2.23	21.35	276	12000	24.14	-3.94	24.46	279
10025	20.60	-6.12	21.49	286	11025	21.26	-2.24	21.37	276	12025	24.50	-4.51	24.91	280
10050	20.41	-6.11	21.31	286	11050	20.92	-2.25	21.04	276	12050	24.79	-3.14	24.99	277
10075	20.48	-6.36	21.44	287	11075	20.50	-2.39	20.64	276	12075	25.10	-2.72	25.25	276
10100	20.54	-6.13	21.44	286	11100	20.05	-2.67	20.22	277	12100	25.09	-3.71	25.37	278
10125	20.34	-5.94	21.19	286	11125	19.83	-3.01	20.05	278	12125	25.00	-3.27	25.21	277
10150	20.18	-5.70	20.97	286	11150	19.82	-3.29	20.09	279	12150	25.33	-3.08	25.52	277
10175	20.29	-5.67	21.06	285	11175	19.71	-3.01	19.94	278	12175	25.85	-3.68	26.11	278
10200	20.59	-6.14	21.49	286	11200	20.07	-2.22	20.19	276	12200	25.75	-4.84	26.20	280
10225	20.52	-5.91	21.36	286	11225	20.23	-2.07	20.33	276	12225	25.40	-4.35	25.77	280
10250	20.59	-5.64	21.35	285	11250	19.90	-2.21	20.03	276	12250	25.53	-3.59	25.78	278
10275	21.05	-6.02	21.89	286	11275	20.29	-2.03	20.39	276	12275	25.68	-3.60	25.93	278

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-9 04/27/65, 2220Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12300	25.87	-3.85	26.15	278	13300	34.67	-3.75	34.88	276	14300	45.84	-6.79	46.34	278
12325	25.68	-3.85	25.96	278	13325	35.25	-4.29	35.51	277	14325	44.79	-7.17	45.36	279
12350	25.33	-4.41	25.71	280	13350	36.54	-4.08	36.77	276	14350	43.41	-6.28	43.86	278
12375	25.34	-4.55	25.74	280	13375	37.53	-3.83	37.72	276	14375	42.09	-5.48	42.45	277
12400	25.36	-4.52	25.76	280	13400	38.04	-4.68	38.33	277	14400	40.23	-5.39	40.59	277
12425	25.61	-5.52	26.19	282	13425	39.08	-3.76	39.26	275	14425	39.83	-5.57	40.21	278
12450	25.52	-4.69	25.95	280	13450	39.04	-3.38	39.19	275	14450	39.95	-5.43	40.32	278
12475	25.27	-3.55	25.52	278	13475	39.12	-4.12	39.34	276	14475	40.21	-6.59	40.75	279
12500	25.30	-3.45	25.54	278	13500	40.92	-4.10	41.13	276	14500	40.57	-4.93	40.87	277
12525	25.42	-3.71	25.69	278	13525	42.42	-4.65	42.67	276	14525	39.92	-2.17	39.98	273
12550	25.43	-4.86	25.89	281	13550	43.64	-5.64	44.01	277	14550	38.41	-1.94	38.45	273
12575	25.45	-5.18	25.97	281	13575	43.97	-5.84	44.36	277	14575	36.80	-2.89	36.91	274
12600	25.32	-4.07	25.64	279	13600	43.99	-6.94	44.54	279	14600	36.20	-1.77	36.24	273
12625	25.32	-4.72	25.76	280	13625	44.39	-6.97	44.93	279	14625	35.57	-1.15	35.59	272
12650	25.73	-4.91	26.20	281	13650	44.87	-5.91	45.25	277	14650	34.45	-3.09	34.59	275
12675	25.68	-4.46	26.07	280	13675	45.59	-5.90	45.97	277	14675	34.11	-4.17	34.37	277
12700	25.89	-5.51	26.47	282	13700	46.62	-5.85	46.98	277	14700	34.88	-3.62	35.07	276
12725	25.86	-5.15	26.37	281	13725	47.34	-4.94	47.60	276	14725	35.26	-4.58	35.56	277
12750	26.60	-5.13	27.09	281	13750	47.31	-5.54	47.63	276	14750	34.99	-5.89	35.48	279
12775	27.76	-6.14	28.43	282	13775	47.76	-4.49	47.97	275	14775	34.25	-5.28	34.66	279
12800	29.31	-6.82	30.10	283	13800	48.62	-3.24	48.73	274	14800	34.20	-7.03	34.91	281
12825	29.69	-6.89	30.48	283	13825	48.71	-3.61	48.85	274	14825	33.15	-6.70	33.82	281
12850	29.79	-6.62	30.52	282	13850	48.74	-4.24	48.92	275	14850	31.41	-5.85	31.95	280
12875	29.87	-6.59	30.59	282	13875	49.24	-4.50	49.44	275	14875	30.42	-6.37	31.08	282
12900	29.84	-6.40	30.52	282	13900	49.45	-3.47	49.57	274	14900	30.02	-5.91	30.60	281
12925	29.35	-6.52	30.07	282	13925	49.34	-3.06	49.44	273	14925	30.26	-5.87	30.82	281
12950	29.47	-6.63	30.21	282	13950	49.16	-3.33	49.27	274	14950	29.70	-5.06	30.13	279
12975	29.69	-5.72	30.24	281	13975	49.24	-2.93	49.33	273	14975	29.25	-4.03	29.52	278
13000	29.98	-5.72	30.52	281	14000	49.30	-3.24	49.41	274	15000	28.35	-3.58	28.57	277
13025	30.38	-4.84	30.77	279	14025	49.15	-3.95	49.31	274	15025	27.93	-3.51	28.15	277
13050	30.78	-5.08	31.20	279	14050	49.20	-2.72	49.27	273	15050	27.65	-3.18	27.83	276
13075	31.01	-6.42	31.67	281	14075	49.53	-2.51	49.59	273	15075	27.46	-1.15	27.49	272
13100	30.76	-5.64	31.28	280	14100	49.77	-3.43	49.88	274	15100	27.25	-0.88	27.27	272
13125	30.59	-5.71	31.12	280	14125	49.30	-4.28	49.48	275	15125	25.91	-3.02	26.08	276
13150	31.41	-6.31	31.82	281	14150	48.99	-3.85	49.27	277	15150	25.50	-2.43	25.61	275
13175	32.17	-5.17	32.58	279	14175	48.34	-6.65	48.80	278	15175	25.18	-0.66	25.18	271
13200	32.44	-5.39	32.88	279	14200	48.01	-5.62	48.33	276	15200	24.35	-0.96	24.37	272
13225	32.64	-5.40	33.08	279	14225	47.55	-5.50	47.86	276	15225	24.09	-1.13	24.11	272
13250	33.16	-3.53	33.35	276	14250	46.55	-6.28	46.97	277	15250	24.17	-0.01	24.17	270
13275	33.89	-4.18	34.15	277	14275	45.84	-6.99	46.37	278	15275	24.03	-0.15	24.03	270

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-9 04/27/65, 2220Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15300	24.42	-0.35	24.42	271										
15325	25.09	0.13	25.09	269										
15350	25.20	-0.46	25.20	271										
15375	25.46	-0.11	25.46	270										
15400	25.63	1.42	25.67	267										
15425	25.51	5.67	26.13	257										
15450	25.46	6.97	26.40	254										
15475	25.52	5.28	26.06	258										
15500	25.44	6.03	26.14	256										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-100

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-10 04/27/65, 2314Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
325	5.28	-5.15	7.38	314	1325	9.57	-2.16	9.81	283	2325	9.98	-1.32	10.06	277
350	5.93	-5.33	7.97	312	1350	9.35	-1.69	9.56	280	2350	10.21	-1.27	10.29	277
375	7.08	-5.99	9.27	310	1375	9.23	-1.63	9.37	280	2375	10.26	-1.30	10.35	277
400	8.13	-6.78	10.58	310	1400	8.90	-1.13	8.97	277	2400	10.09	-1.34	10.18	277
425	8.66	-7.32	11.34	310	1425	8.77	-0.67	8.79	274	2425	10.10	-1.12	10.16	276
450	8.46	-7.56	11.35	312	1450	9.33	-0.48	9.34	273	2450	9.86	-0.85	9.89	275
475	8.43	-7.70	11.42	312	1475	9.66	-0.01	9.66	270	2475	9.46	-0.41	9.47	272
500	8.70	-7.87	11.73	312	1500	9.38	0.26	9.38	268	2500	9.29	0.51	9.30	267
525	9.18	-7.99	12.18	311	1525	9.23	0.04	9.23	270	2525	9.27	1.03	9.32	263
550	9.86	-8.35	12.92	310	1550	8.92	-0.11	8.92	271	2550	9.34	1.10	9.41	263
575	10.02	-8.48	13.13	310	1575	8.57	0.34	8.58	268	2575	9.55	1.20	9.63	263
600	10.05	-8.21	12.98	309	1600	8.25	0.94	8.30	263	2600	9.71	1.24	9.79	263
625	9.81	-8.02	12.67	309	1625	7.84	1.33	7.95	260	2625	9.80	0.95	9.84	264
650	9.68	-8.01	12.56	309	1650	7.44	1.59	7.61	258	2650	9.92	0.39	9.93	268
675	10.16	-8.09	12.99	308	1675	7.17	1.54	7.33	258	2675	10.05	0.40	10.06	267
700	10.68	-8.14	13.43	307	1700	7.17	1.34	7.29	259	2700	10.46	0.98	10.51	264
725	11.02	-8.19	13.73	306	1725	7.39	1.34	7.51	259	2725	10.76	1.61	10.88	261
750	10.91	-7.99	13.52	306	1750	7.69	1.57	7.85	258	2750	10.49	2.21	10.72	258
775	10.54	-7.65	13.03	306	1775	7.93	1.70	8.11	258	2775	10.04	3.13	10.52	252
800	10.62	-7.39	12.94	305	1800	8.03	1.55	8.18	259	2800	9.36	3.91	10.15	247
825	11.25	-7.20	13.36	302	1825	8.20	1.57	8.34	259	2825	9.21	4.01	10.05	246
850	11.56	-7.27	13.65	302	1850	8.16	1.89	8.38	257	2850	9.52	3.95	10.30	247
875	11.42	-7.20	13.50	302	1875	8.21	2.10	8.47	255	2875	9.28	3.78	10.02	248
900	11.31	-7.09	13.34	302	1900	8.22	1.93	8.44	257	2900	9.04	3.75	9.78	247
925	11.34	-6.96	13.31	301	1925	8.22	1.69	8.39	258	2925	9.03	3.90	9.83	246
950	11.66	-6.90	13.55	300	1950	8.47	1.57	8.61	259	2950	9.07	3.79	9.83	247
975	11.98	-7.03	13.89	300	1975	8.94	1.66	9.09	259	2975	9.09	3.57	9.77	248
1000	12.22	-6.99	14.08	300	2000	9.62	1.78	9.78	259	3000	8.88	2.89	9.33	252
1025	12.46	-6.82	14.21	299	2025	9.76	1.70	9.91	260	3025	8.61	2.34	8.92	255
1050	12.31	-6.24	13.81	297	2050	9.61	1.22	9.69	263	3050	8.59	2.76	9.02	252
1075	12.26	-5.66	13.50	295	2075	9.42	0.61	9.44	266	3075	8.55	3.19	9.13	249
1100	12.39	-5.34	13.49	293	2100	9.18	0.57	9.20	266	3100	8.53	3.42	9.19	248
1125	12.81	-5.17	13.81	292	2125	9.31	0.57	9.33	266	3125	8.63	3.78	9.42	246
1150	12.43	-4.40	13.18	289	2150	9.34	0.23	9.34	268	3150	8.10	4.07	9.06	243
1175	11.11	-3.54	11.66	287	2175	9.25	-0.19	9.25	271	3175	7.44	4.36	8.63	239
1200	10.50	-3.48	11.06	288	2200	9.57	-0.87	9.61	275	3200	7.18	4.22	8.33	239
1225	10.94	-3.64	11.53	288	2225	9.81	-1.39	9.91	278	3225	6.88	3.87	7.89	240
1250	11.88	-3.19	12.30	285	2250	9.71	-1.61	9.84	279	3250	6.89	3.84	7.89	241
1275	12.10	-2.88	12.44	283	2275	9.70	-1.71	9.85	280	3275	7.36	3.69	8.23	243
1300	10.86	-2.91	11.24	285	2300	9.92	-1.58	10.04	279	3300	7.53	3.55	8.32	245

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-10 04/27/65, 2314Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3325	7.66	3.37	8.37	246	4325	16.10	0.63	16.12	268	5325	11.33	1.06	11.38	264
3350	7.87	3.68	8.45	248	4350	15.13	-0.09	15.13	270	5350	10.95	0.53	10.96	267
3375	8.09	2.89	8.59	250	4375	13.78	-0.28	13.79	271	5375	11.39	0.21	11.39	269
3400	8.59	2.83	9.04	252	4400	13.27	-0.33	13.28	271	5400	11.75	0.23	11.75	269
3425	9.18	2.82	9.61	253	4425	13.55	-0.61	13.56	272	5425	11.62	0.49	11.63	267
3450	9.58	2.56	9.92	255	4450	14.15	-1.28	14.21	275	5450	11.79	0.36	11.79	268
3475	9.72	2.36	10.00	256	4475	14.47	-1.65	14.56	276	5475	12.27	0.13	12.27	269
3500	9.91	2.23	10.16	257	4500	14.59	-1.57	14.67	276	5500	12.41	-0.23	12.41	271
3525	9.95	1.72	10.10	260	4525	14.53	-1.21	14.58	275	5525	12.61	-0.68	12.63	273
3550	9.78	1.77	9.94	260	4550	14.39	-0.44	14.39	272	5550	13.37	-1.03	13.41	274
3575	10.04	1.87	10.21	259	4575	14.39	-0.61	14.41	272	5575	13.91	-1.07	13.95	274
3600	10.18	1.33	10.27	262	4600	13.86	-0.50	13.87	272	5600	14.02	0.03	14.02	270
3625	9.77	1.18	9.84	263	4625	13.90	0.29	13.90	269	5625	15.04	1.08	15.08	266
3650	9.67	1.43	9.78	261	4650	14.24	0.77	14.26	267	5650	15.36	1.47	15.43	264
3675	9.75	1.67	9.90	260	4675	13.99	0.86	14.02	266	5675	15.08	1.38	15.14	265
3700	9.76	1.68	9.90	260	4700	13.62	1.06	13.66	265	5700	14.49	0.77	14.51	267
3725	9.70	1.63	9.84	260	4725	13.48	1.27	13.54	264	5725	13.77	-0.25	13.77	271
3750	9.71	1.53	9.83	261	4750	13.53	1.13	13.57	265	5750	14.10	-0.74	14.12	273
3775	9.80	1.06	9.85	264	4775	13.67	1.15	13.72	265	5775	14.49	-0.64	14.51	272
3800	10.02	0.43	10.03	267	4800	13.60	1.24	13.65	265	5800	14.34	-0.68	14.35	273
3825	10.56	-0.32	10.57	272	4825	13.07	1.33	13.13	264	5825	14.85	-1.61	14.93	276
3850	10.51	-0.71	10.53	274	4850	12.78	1.73	12.90	262	5850	16.18	-2.02	16.30	277
3875	10.53	-0.07	10.53	270	4875	13.00	1.83	13.12	262	5875	17.44	-1.42	17.49	274
3900	11.07	0.78	11.10	266	4900	13.07	1.56	13.16	263	5900	18.27	-1.19	18.30	274
3925	10.61	1.25	10.68	263	4925	12.57	1.58	12.67	263	5925	18.72	-1.25	18.76	274
3950	9.96	1.88	10.14	259	4950	12.05	1.68	12.17	262	5950	18.90	-1.24	18.95	274
3975	10.00	2.21	10.24	257	4975	11.78	1.74	11.91	261	5975	19.18	-1.08	19.21	273
4000	10.57	2.20	10.80	258	5000	11.65	1.89	11.80	261	6000	19.40	-0.87	19.42	272
4025	11.54	2.33	11.77	258	5025	11.67	1.56	11.77	262	6025	19.44	-0.62	19.45	272
4050	11.98	2.16	12.17	260	5050	11.84	1.43	11.93	263	6050	19.59	-0.38	19.60	271
4075	12.23	1.89	12.38	261	5075	11.96	1.86	12.11	261	6075	19.84	-0.08	19.84	270
4100	13.56	1.79	13.68	262	5100	11.77	1.85	11.92	261	6100	20.16	0.14	20.16	269
4125	15.14	1.53	15.22	264	5125	10.75	1.78	10.90	260	6125	20.59	0.11	20.59	270
4150	15.63	1.62	15.71	264	5150	10.44	2.01	10.63	259	6150	20.57	-0.04	20.57	270
4175	15.86	1.69	15.95	264	5175	11.09	1.87	11.25	260	6175	20.57	0.04	20.57	270
4200	16.00	0.72	16.02	267	5200	11.05	1.66	11.18	261	6200	20.59	0.07	20.59	270
4225	15.64	0.11	15.64	269	5225	11.04	1.57	11.15	262	6225	20.44	-0.19	20.44	270
4250	15.31	0.41	15.32	268	5250	11.03	1.08	11.08	264	6250	20.39	-0.16	20.39	270
4275	15.52	0.31	15.53	269	5275	10.92	1.20	10.99	264	6275	20.30	0.04	20.30	270
4300	16.16	0.62	16.17	268	5300	11.39	1.59	11.50	262	6300	20.04	0.09	20.04	270

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-10 04/27/65, 2314Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6325	19.51	0.06	19.51	270	7325	9.28	-4.31	10.24	295	8325	12.19	-3.82	12.78	287
6350	19.22	0.10	19.22	270	7350	9.47	-4.69	10.56	296	8350	12.16	-3.60	12.68	286
6375	19.24	-0.05	19.24	270	7375	9.64	-5.04	10.88	297	8375	12.44	-3.91	13.04	287
6400	19.11	-0.17	19.11	270	7400	9.56	-5.45	11.00	299	8400	13.03	-4.11	13.67	287
6425	19.16	0.05	19.16	270	7425	9.31	-5.69	10.91	301	8425	13.57	-4.17	14.20	287
6450	19.55	0.10	19.55	269	7450	9.05	-5.88	10.79	303	8450	13.77	-4.26	14.42	287
6475	19.72	0.20	19.73	269	7475	8.94	-5.97	10.75	304	8475	13.75	-4.24	14.39	287
6500	19.79	0.21	19.79	269	7500	9.00	-5.72	10.67	302	8500	13.67	-4.39	14.36	288
6525	19.98	0.13	19.98	269	7525	9.09	-5.37	10.56	300	8525	13.59	-4.34	14.27	288
6550	20.12	0.06	20.12	270	7550	9.22	-5.16	10.57	299	8550	13.64	-4.10	14.24	287
6575	20.19	0.03	20.19	270	7575	9.63	-5.13	10.91	298	8575	13.83	-4.13	14.44	286
6600	20.19	0.21	20.20	269	7600	10.06	-5.08	11.27	297	8600	14.01	-3.91	14.54	285
6625	19.91	0.31	19.92	269	7625	10.40	-4.83	11.47	295	8625	14.04	-3.74	14.53	285
6650	19.58	0.36	19.58	269	7650	10.77	-4.80	11.79	294	8650	14.13	-3.62	14.58	284
6675	19.42	0.13	19.42	269	7675	11.23	-5.04	12.31	294	8675	14.29	-3.45	14.70	283
6700	18.94	-0.36	18.95	271	7700	11.79	-5.42	12.98	294	8700	14.16	-3.23	14.52	283
6725	18.50	-0.56	18.51	272	7725	12.24	-5.63	13.48	295	8725	14.13	-2.76	14.40	281
6750	18.69	-0.83	18.71	272	7750	12.34	-5.70	13.59	295	8750	14.40	-2.76	14.66	281
6775	18.48	-1.51	18.54	274	7775	12.30	-5.70	13.56	295	8775	14.73	-2.65	14.97	280
6800	17.77	-2.06	17.89	276	7800	12.41	-5.47	13.56	294	8800	14.87	-3.02	15.17	281
6825	17.21	-2.17	17.35	277	7825	12.38	-5.29	13.46	293	8825	14.88	-3.52	15.29	283
6850	16.04	-2.31	16.20	278	7850	12.21	-5.32	13.32	293	8850	14.95	-3.40	15.33	283
6875	14.45	-2.55	14.68	280	7875	12.04	-5.34	13.17	294	8875	15.15	-3.57	15.57	283
6900	13.47	-2.56	13.71	281	7900	12.05	-5.25	13.14	293	8900	15.84	-4.23	16.39	285
6925	12.83	-2.22	13.02	280	7925	12.28	-5.34	13.39	293	8925	16.27	-4.68	16.93	286
6950	12.03	-1.75	12.15	278	7950	12.28	-5.44	13.43	294	8950	16.36	-4.59	16.99	285
6975	11.20	-1.57	11.31	278	7975	12.17	-5.37	13.30	294	8975	16.86	-4.10	17.36	283
7000	10.79	-1.54	10.90	278	8000	12.20	-5.23	13.27	293	9000	17.32	-4.03	17.79	283
7025	10.68	-1.33	10.77	277	8025	12.32	-5.28	13.41	293	9025	17.56	-4.08	18.03	283
7050	10.48	-1.40	10.57	277	8050	12.35	-5.20	13.40	293	9050	17.78	-4.01	18.23	283
7075	10.16	-1.57	10.35	281	8075	12.10	-4.85	13.03	292	9075	17.82	-3.94	18.25	282
7100	10.68	-2.26	10.91	282	8100	11.98	-4.34	12.74	290	9100	17.67	-4.01	18.12	283
7125	11.31	-2.61	11.60	283	8125	11.70	-4.10	12.40	289	9125	17.57	-4.10	18.04	283
7150	10.88	-2.65	11.41	283	8150	11.18	-4.02	11.88	290	9150	17.11	-3.92	17.55	283
7175	10.11	-3.83	10.82	291	8175	10.78	-3.77	11.42	289	9175	16.56	-3.71	16.97	282
7200	9.89	-3.69	10.55	290	8200	10.74	-3.68	11.36	289	9200	16.43	-3.65	16.83	282
7225	9.63	-3.54	10.26	290	8225	10.91	-3.74	11.54	289	9225	16.31	-3.85	16.76	283
7250	9.21	-3.66	9.91	291	8250	11.35	-3.68	11.93	288	9250	16.08	-3.78	16.52	283
7275	9.06	-4.11	9.95	294	8275	11.94	-3.76	12.52	287	9275	15.97	-3.75	16.40	283
7300	9.12	-4.19	10.03	294	8300	12.23	-4.06	12.88	288	9300	15.95	-3.78	16.39	283

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-10 04/27/65, 2314Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9325	16.02	-3.76	16.45	283	10325	21.68	-2.71	21.85	277	11325	19.36	-1.36	19.40	274
9350	16.35	-3.81	16.79	283	10350	21.34	-2.47	21.48	276	11350	19.61	-1.68	19.68	275
9375	16.62	-3.73	17.03	282	10375	21.23	-2.52	21.38	277	11375	19.70	-2.03	19.80	276
9400	16.47	-3.93	16.94	283	10400	21.33	-2.64	21.49	277	11400	19.57	-2.34	19.71	277
9425	16.42	-3.91	16.88	283	10425	21.72	-2.39	21.85	276	11425	19.49	-2.61	19.66	277
9450	16.38	-3.31	16.71	281	10450	22.22	-2.12	22.33	275	11450	19.39	-2.54	19.56	277
9475	16.23	-3.11	16.53	281	10475	22.20	-2.14	22.30	275	11475	19.21	-2.58	19.38	277
9500	16.34	-3.21	16.65	281	10500	22.03	-2.08	22.12	275	11500	19.13	-2.57	19.30	277
9525	16.69	-3.19	16.99	281	10525	21.90	-2.20	22.01	276	11525	19.46	-2.75	19.65	278
9550	16.95	-3.21	17.25	281	10550	21.89	-2.17	22.00	275	11550	19.77	-2.73	19.96	278
9575	17.10	-3.42	17.44	281	10575	22.14	-1.93	22.22	275	11575	20.10	-2.41	20.25	277
9600	17.36	-3.65	17.74	282	10600	22.39	-1.74	22.46	274	11600	20.65	-2.58	20.81	277
9625	17.35	-3.71	17.74	282	10625	22.42	-1.70	22.49	274	11625	20.88	-2.51	21.03	277
9650	17.39	-3.74	17.79	282	10650	22.44	-1.70	22.50	274	11650	21.21	-2.48	21.35	276
9675	17.64	-3.96	18.08	282	10675	22.45	-1.51	22.50	274	11675	21.73	-2.40	21.86	276
9700	17.85	-4.13	18.32	283	10700	22.56	-1.37	22.61	273	11700	21.73	-2.25	21.85	276
9725	18.13	-4.16	18.60	283	10725	22.73	-1.32	22.77	273	11725	22.06	-2.34	22.19	276
9750	18.36	-4.08	18.81	282	10750	22.92	-1.23	22.95	273	11750	22.47	-2.42	22.60	276
9775	18.54	-3.88	18.94	282	10775	22.92	-1.35	22.96	273	11775	22.38	-2.43	22.51	276
9800	18.88	-3.97	19.29	282	10800	22.83	-1.27	22.87	273	11800	22.22	-2.42	22.35	276
9825	19.26	-3.90	19.65	281	10825	22.65	-1.21	22.68	273	11825	22.28	-2.50	22.42	276
9850	19.53	-3.71	19.87	281	10850	22.22	-1.46	22.27	274	11850	22.40	-2.62	22.56	276
9875	19.75	-3.70	20.09	280	10875	22.03	-1.36	22.07	273	11875	22.63	-2.66	22.79	276
9900	19.98	-3.78	20.33	281	10900	21.94	-1.61	21.99	274	11900	23.04	-2.74	23.20	277
9925	20.11	-3.77	20.46	280	10925	21.69	-1.94	21.78	275	11925	23.41	-2.90	23.59	277
9950	20.06	-3.72	20.40	280	10950	21.29	-1.73	21.36	274	11950	23.83	-2.79	23.99	276
9975	20.22	-3.64	20.55	280	10975	20.85	-1.68	20.91	274	11975	24.38	-2.45	24.50	276
10000	20.69	-3.46	20.98	279	11000	20.40	-1.89	20.48	275	12000	24.88	-2.45	25.00	275
10025	20.83	-3.47	21.12	279	11025	20.33	-1.96	20.43	275	12025	25.14	-2.61	25.27	276
10050	20.80	-3.28	21.05	279	11050	20.35	-2.08	20.46	276	12050	25.50	-2.72	25.65	276
10075	20.92	-3.10	21.15	278	11075	20.55	-2.01	20.65	275	12075	25.82	-2.61	25.95	276
10100	20.78	-3.20	21.03	279	11100	20.82	-1.72	20.89	275	12100	25.87	-2.00	25.94	274
10125	20.65	-3.28	20.91	279	11125	21.03	-1.62	21.09	274	12125	25.94	-1.78	26.00	274
10150	20.94	-3.04	21.16	278	11150	21.14	-1.72	21.21	274	12150	26.06	-2.05	26.15	274
10175	21.10	-2.66	21.26	277	11175	20.98	-1.63	21.04	274	12175	26.14	-2.04	26.22	274
10200	21.23	-2.61	21.39	277	11200	20.63	-1.53	20.69	274	12200	25.96	-2.02	26.04	274
10225	21.28	-2.76	21.46	277	11225	19.95	-1.54	20.01	274	12225	26.01	-2.21	26.10	275
10250	21.18	-3.13	21.41	278	11250	19.40	-1.37	19.45	274	12250	26.48	-1.87	26.55	274
10275	21.48	-3.20	21.71	278	11275	19.20	-1.42	19.25	274	12275	26.65	-1.60	26.70	273
10300	21.78	-3.02	21.99	278	11300	19.21	-1.39	19.26	274	12300	27.04	-1.51	27.08	273

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-100 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-10 04/27/65, 2314Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12325	27.34	-1.43	27.38	273	13325	40.38	-1.31	40.40	272	14325	41.71	-5.63	42.08	277
12350	27.66	-1.64	27.71	273	13350	40.51	-1.82	40.55	272	14350	41.33	-5.93	41.76	278
12375	28.58	-1.79	28.63	273	13375	40.90	-1.83	40.95	272	14375	40.64	-6.01	41.08	278
12400	29.05	-2.13	29.13	274	13400	41.33	-1.28	41.35	272	14400	39.78	-5.96	40.22	278
12425	29.34	-2.03	29.41	274	13425	41.72	-1.34	41.74	272	14425	39.30	-5.76	39.72	278
12450	29.54	-1.60	29.58	273	13450	41.96	-1.63	41.99	272	14450	39.03	-5.70	39.45	278
12475	29.69	-1.32	29.71	272	13475	42.16	-1.66	42.20	272	14475	38.46	-5.93	38.91	279
12500	29.96	-1.16	29.99	272	13500	42.56	-1.56	42.59	272	14500	38.01	-5.87	38.46	279
12525	29.97	-1.50	30.01	273	13525	42.58	-1.66	42.61	272	14525	38.00	-5.86	38.45	279
12550	29.99	-1.71	30.04	273	13550	42.35	-1.55	42.38	272	14550	38.63	-5.43	39.00	278
12575	30.08	-1.92	30.14	273	13575	42.73	-1.03	42.75	271	14575	38.80	-4.65	39.08	277
12600	30.28	-2.46	30.38	274	13600	42.98	-1.24	43.00	271	14600	38.64	-3.69	38.82	275
12625	30.68	-2.89	30.81	275	13625	43.06	-1.43	43.09	272	14625	38.58	-2.47	38.65	273
12650	30.74	-2.81	30.86	275	13650	43.47	-1.66	43.50	272	14650	38.46	-1.71	38.50	272
12675	30.31	-2.93	30.45	275	13675	43.73	-1.89	43.77	272	14675	38.78	-1.55	38.82	272
12700	30.24	-2.79	30.37	275	13700	43.96	-1.66	43.99	272	14700	39.04	-2.09	39.10	273
12725	30.55	-2.83	30.68	275	13725	44.19	-1.61	44.22	272	14725	38.83	-3.46	38.98	275
12750	30.95	-3.04	31.10	275	13750	44.40	-1.17	44.42	271	14750	38.82	-4.89	39.12	277
12775	31.44	-2.61	31.55	275	13775	44.96	-0.57	44.97	271	14775	38.83	-5.62	39.24	278
12800	31.93	-2.80	32.05	275	13800	45.30	-0.51	45.31	270	14800	38.10	-4.88	38.41	277
12825	32.27	-2.88	32.40	275	13825	45.33	-0.99	45.34	271	14825	36.75	-3.77	36.94	276
12850	32.51	-2.72	32.62	275	13850	45.63	-1.07	45.64	271	14850	35.19	-2.30	35.26	274
12875	33.03	-2.86	33.16	275	13875	45.92	-1.03	45.93	271	14875	34.34	-1.24	34.36	272
12900	33.44	-2.99	33.58	275	13900	46.19	-0.48	46.20	270	14900	33.36	-0.85	33.37	271
12925	33.71	-3.08	33.85	275	13925	46.37	-0.33	46.37	270	14925	32.06	0.24	32.06	269
12950	33.83	-3.04	33.97	275	13950	46.14	-0.63	46.15	271	14950	31.14	1.66	31.18	267
12975	33.75	-2.89	33.88	275	13975	46.05	-0.19	46.05	270	14975	30.42	2.33	30.50	265
13000	34.51	-2.52	34.60	274	14000	46.13	-0.86	46.14	271	15000	29.92	2.32	30.01	265
13025	35.51	-2.48	35.60	274	14025	45.77	-1.73	45.81	272	15025	29.69	2.24	29.78	265
13050	36.06	-2.68	36.16	274	14050	45.37	-2.32	45.43	273	15050	29.34	2.18	29.42	266
13075	36.84	-2.48	36.93	274	14075	44.85	-2.74	44.93	273	15075	29.05	2.74	29.18	264
13100	37.29	-2.18	37.36	273	14100	44.47	-3.68	44.62	275	15100	29.31	3.60	29.53	263
13125	37.94	-1.95	37.99	273	14125	44.30	-4.34	44.52	275	15125	29.61	4.14	29.90	262
13150	38.92	-1.77	38.96	272	14150	43.88	-4.31	44.09	275	15150	29.76	4.92	30.17	260
13175	39.39	-1.44	39.41	272	14175	43.58	-4.62	43.82	276	15175	29.55	5.69	30.10	259
13200	39.61	-1.32	39.63	272	14200	43.07	-5.34	43.40	277	15200	29.38	6.34	30.05	258
13225	39.76	-1.33	39.79	272	14225	42.90	-5.12	43.20	277	15225	29.06	6.01	29.67	258
13250	39.78	-1.28	39.80	272	14250	42.62	-5.26	42.94	277	15250	29.07	6.90	29.88	256
13275	39.97	-1.08	39.98	271	14275	42.30	-5.54	42.67	277	15275	29.23	7.25	30.11	256
13300	40.26	-1.10	40.27	271	14300	41.96	-5.49	42.32	277	15300	29.14	7.18	30.01	256

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2652-10 04/27/65, 2314Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15325	29.44	7.11	30.29	256	16325	17.37	-0.18	17.37	270	17325	18.60	10.89	21.55	239
15350	29.41	6.87	30.20	257	16350	17.50	0.30	17.51	269	17350	18.95	10.44	21.64	241
15375	29.38	7.28	30.27	256	16375	17.64	0.62	17.65	268	17375	18.92	8.31	20.66	246
15400	29.53	7.53	30.48	255	16400	18.04	0.29	18.04	269	17400	18.23	7.01	19.53	249
15425	29.66	8.27	30.80	254	16425	18.18	0.04	18.18	270	17425	17.51	6.44	18.66	250
15450	29.33	8.47	30.53	254	16450	18.34	0.15	18.34	269	17450	16.97	6.01	18.00	250
15475	29.03	8.65	30.29	253	16475	18.68	0.72	18.70	268	17475	16.34	5.43	17.22	251
15500	29.09	8.37	30.27	254	16500	18.87	0.92	18.89	267	17500	15.88	4.11	16.40	255
15525	29.16	8.10	30.26	254	16525	19.18	0.64	19.19	268	17525	14.93	3.41	15.31	257
15550	29.38	7.99	30.45	255	16550	19.78	1.32	19.82	266	17550	13.09	1.74	13.21	262
15575	29.33	8.27	30.47	254	16575	20.15	1.05	20.18	267	17575	12.47	0.59	12.49	267
15600	29.45	8.93	30.77	253	16600	20.58	1.41	20.63	266	17600	12.68	0.23	12.68	269
15625	30.02	8.88	31.31	253	16625	20.63	1.72	20.70	265	17625	12.72	-0.01	12.72	270
15650	30.23	8.09	31.29	255	16650	20.78	1.59	20.85	265	17650	11.81	-0.79	11.84	274
15675	28.22	6.19	28.89	257	16675	21.33	2.02	21.43	264	17675	11.14	-1.13	11.20	276
15700	27.19	5.21	27.69	259	16700	21.38	1.54	21.43	266	17700	10.74	-1.29	10.81	277
15725	28.74	4.74	29.13	260	16725	22.57	3.53	22.84	261	17725	10.87	-1.79	11.02	279
15750	29.13	4.46	29.47	261	16750	22.80	4.36	23.21	259	17750	10.97	-1.50	11.07	278
15775	28.96	3.49	29.17	263	16775	22.76	3.80	23.08	260	17775	10.76	-1.37	10.85	277
15800	28.85	2.65	28.97	265	16800	22.66	3.36	22.91	261	17800	10.55	-1.43	10.65	278
15825	28.32	2.57	28.43	265	16825	21.87	3.48	22.14	261	17825	10.42	-1.17	10.49	276
15850	27.63	1.84	27.69	266	16850	21.82	3.79	22.14	260	17850	10.39	-1.05	10.45	276
15875	26.75	1.02	26.77	268	16875	21.50	3.30	21.76	261	17875	10.44	-1.00	10.48	275
15900	26.46	1.21	26.48	267	16900	20.67	3.67	21.00	260	17900	10.55	-0.62	10.57	273
15925	25.57	0.95	25.58	268	16925	19.96	4.16	20.39	258	17925	10.28	-0.31	10.29	272
15950	24.73	-0.03	24.73	270	16950	18.81	5.45	19.58	254					
15975	23.54	-1.20	23.57	273	16975	17.98	7.77	19.59	246					
16000	22.81	-1.31	22.84	273	17000	17.09	8.96	19.29	242					
16025	22.15	-0.35	22.15	271	17025	16.64	9.57	19.19	240					
16050	21.24	0.47	21.25	269	17050	16.28	9.82	19.01	239					
16075	20.46	0.01	20.46	270	17075	16.06	9.64	18.74	239					
16100	19.11	-1.27	19.15	274	17100	15.66	10.28	18.73	237					
16125	18.45	-1.60	18.52	275	17125	15.65	11.74	19.56	233					
16150	18.34	-1.50	18.40	274	17150	16.26	11.86	20.13	234					
16175	18.17	-1.43	18.22	274	17175	16.50	11.96	20.38	234					
16200	18.34	-1.12	18.38	273	17200	16.50	11.86	20.32	234					
16225	18.20	-0.59	18.21	272	17225	16.69	11.38	20.20	236					
16250	17.67	-0.36	17.68	271	17250	17.28	11.88	20.97	235					
16275	17.24	-0.20	17.24	270	17275	17.79	12.03	21.47	236					
16300	17.18	-0.21	17.18	271	17300	18.34	10.87	21.32	239					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-101

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2581 04/29/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
925	7.26	0.05	7.26	269	1925	9.14	0.52	9.15	267	2925	16.34	-1.97	16.45	277
950	7.08	0.02	7.08	270	1950	9.10	0.48	9.12	267	2950	16.45	-2.02	16.57	277
975	6.82	0.02	6.82	270	1975	9.11	0.55	9.13	266	2975	16.75	-1.81	16.85	276
1000	6.47	0.03	6.47	270	2000	9.14	0.54	9.16	266	3000	17.08	-1.48	17.15	275
1025	6.34	0.14	6.34	269	2025	9.04	0.53	9.05	266	3025	17.30	-1.38	17.36	274
1050	6.25	0.18	6.25	268	2050	8.96	0.58	8.97	266	3050	17.55	-1.24	17.59	274
1075	5.88	0.12	5.88	269	2075	9.07	0.47	9.08	267	3075	17.70	-1.21	17.74	274
1100	5.83	0.15	5.83	268	2100	9.22	0.40	9.23	267	3100	17.90	-1.03	17.93	273
1125	5.93	0.25	5.94	267	2125	9.28	0.50	9.30	267	3125	18.38	-0.66	18.39	272
1150	6.01	0.53	6.04	265	2150	9.19	0.61	9.21	266	3150	18.68	-0.29	18.68	271
1175	6.29	0.77	6.34	263	2175	9.16	0.49	9.17	267	3175	18.60	-0.02	18.60	270
1200	6.47	0.76	6.51	263	2200	9.51	-0.01	9.51	270	3200	18.56	0.12	18.56	269
1225	6.69	0.42	6.71	266	2225	9.79	-0.35	9.80	272	3225	18.66	0.21	18.66	269
1250	6.85	-0.06	6.85	270	2250	9.87	-0.33	9.88	272	3250	18.63	0.20	18.63	269
1275	6.82	-0.29	6.82	272	2275	10.04	-0.63	10.06	273	3275	18.54	0.44	18.54	268
1300	6.64	-0.37	6.65	273	2300	10.28	-1.08	10.34	276	3300	18.44	0.65	18.45	268
1325	6.47	-0.18	6.47	271	2325	10.60	-1.08	10.65	276	3325	18.25	0.90	18.27	267
1350	6.51	-0.02	6.51	270	2350	10.89	-0.94	10.93	275	3350	18.05	1.28	18.09	266
1375	6.46	-0.06	6.46	270	2375	10.99	-0.76	11.02	274	3375	17.69	1.51	17.76	265
1400	6.30	0.07	6.30	269	2400	11.16	-0.59	11.18	273	3400	17.72	1.75	17.81	264
1425	6.26	0.22	6.27	268	2425	11.53	-0.91	11.56	274	3425	18.00	1.95	18.11	264
1450	6.43	0.45	6.45	266	2450	11.90	-1.31	11.97	276	3450	18.01	2.17	18.14	263
1475	6.83	0.54	6.85	265	2475	12.18	-1.61	12.28	277	3475	18.03	2.61	18.22	262
1500	7.22	0.41	7.23	267	2500	12.52	-2.04	12.69	279	3500	18.09	3.12	18.36	260
1525	7.68	0.49	7.70	266	2525	13.01	-2.21	13.20	279	3525	18.13	3.40	18.44	259
1550	8.14	0.65	8.17	265	2550	13.49	-2.22	13.67	279	3550	18.31	3.41	18.63	259
1575	8.54	0.73	8.57	265	2575	13.74	-2.18	13.91	279	3575	18.60	3.55	18.94	259
1600	8.98	0.61	9.00	266	2600	13.99	-1.79	14.11	277	3600	18.78	3.76	19.15	258
1625	9.21	0.44	9.22	267	2625	14.40	-1.61	14.49	276	3625	18.72	3.85	19.11	258
1650	9.23	0.43	9.24	267	2650	14.53	-1.87	14.65	277	3650	18.48	4.13	18.93	257
1675	8.97	0.53	8.99	266	2675	14.63	-1.99	14.77	278	3675	18.36	4.52	18.91	256
1700	8.63	0.67	8.66	265	2700	14.89	-2.06	15.03	278	3700	18.30	4.60	18.87	256
1725	8.42	0.76	8.46	265	2725	15.08	-2.28	15.25	278	3725	18.18	4.76	18.79	255
1750	8.36	0.87	8.40	267	2750	15.14	-2.40	15.35	279	3750	18.13	5.16	18.85	254
1775	8.49	0.96	8.54	263	2775	15.29	-2.47	15.49	279	3775	18.44	5.36	19.20	254
1800	8.66	0.81	8.70	264	2800	15.43	-2.37	15.61	279	3800	18.69	5.44	19.47	254
1825	8.71	0.66	8.73	265	2825	15.52	-2.14	15.67	278	3825	18.82	5.58	19.63	253
1850	8.75	0.57	8.77	266	2850	15.65	-2.14	15.79	278	3850	19.02	5.47	19.79	254
1875	8.77	0.36	8.78	267	2875	15.68	-2.20	15.83	278	3875	19.04	5.46	19.81	254
1900	8.92	0.41	8.93	267	2900	15.96	-2.10	16.10	277	3900	19.06	5.46	19.83	254

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2581 04/29/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3925	19.08	5.46	19.85	254	4925	19.62	2.16	19.74	264	5925	22.02	6.77	23.04	253
3950	19.10	5.46	19.87	254	4950	19.77	2.23	19.89	263	5950	22.54	7.50	23.76	251
3975	19.13	5.45	19.89	254	4975	19.83	2.26	19.95	263	5975	23.49	7.71	24.73	252
4000	19.15	5.45	19.91	254	5000	19.83	2.35	19.97	263	6000	24.13	7.64	25.31	252
4025	19.17	5.45	19.93	254	5025	19.84	2.63	20.02	262	6025	24.28	7.57	25.43	252
4050	19.19	5.44	19.94	254	5050	19.84	2.64	20.02	262	6050	24.18	7.71	25.38	252
4075	19.21	5.44	19.96	254	5075	19.92	2.58	20.09	262	6075	24.16	7.92	25.42	252
4100	19.23	5.44	19.98	254	5100	20.05	2.95	20.27	261	6100	24.29	8.24	25.65	251
4125	19.25	5.44	20.00	254	5125	20.16	3.34	20.43	260	6125	24.08	8.83	25.65	250
4150	19.27	5.43	20.02	254	5150	20.19	3.33	20.46	260	6150	23.86	9.61	25.73	248
4175	19.29	5.43	20.04	254	5175	20.37	3.10	20.60	261	6175	23.86	10.24	25.96	247
4200	19.31	5.43	20.06	254	5200	20.74	2.93	20.95	262	6200	23.98	10.73	26.27	246
4225	19.33	5.43	20.08	254	5225	20.99	2.80	21.18	262	6225	24.12	11.03	26.52	245
4250	19.35	5.42	20.10	254	5250	21.26	2.67	21.43	263	6250	24.18	10.93	26.53	245
4275	19.44	5.42	20.19	254	5275	21.20	2.56	21.36	263	6275	24.15	10.85	26.47	246
4300	19.23	5.53	20.01	254	5300	21.15	2.63	21.32	263	6300	24.12	10.74	26.40	246
4325	18.89	5.63	19.71	253	5325	21.37	2.68	21.54	263	6325	24.12	10.44	26.29	246
4350	18.87	5.60	19.68	253	5350	21.26	2.87	21.45	262	6350	24.01	10.40	26.17	246
4375	18.73	5.70	19.58	253	5375	21.07	2.85	21.26	262	6375	23.81	10.36	25.96	246
4400	18.64	5.99	19.58	252	5400	21.05	3.03	21.27	262	6400	23.60	10.32	25.76	246
4425	18.94	6.00	19.87	252	5425	21.12	3.55	21.42	260	6425	23.44	10.52	25.69	246
4450	19.26	5.74	20.09	253	5450	21.22	3.46	21.50	261	6450	23.36	10.50	25.61	246
4475	19.77	5.41	20.49	254	5475	21.23	3.31	21.49	261	6475	23.31	9.95	25.34	247
4500	20.39	4.87	20.96	256	5500	21.17	3.21	21.41	261	6500	23.63	9.43	25.44	248
4525	20.68	4.35	21.13	258	5525	21.30	3.26	21.55	261	6525	24.31	8.78	25.85	250
4550	20.74	4.05	21.13	259	5550	21.34	3.15	21.57	261	6550	24.51	8.04	25.79	252
4575	20.82	3.80	21.17	259	5575	21.19	2.91	21.39	262	6575	24.86	7.38	25.94	253
4600	20.68	3.44	20.96	260	5600	21.16	3.07	21.38	262	6600	25.63	6.70	26.49	255
4625	20.59	3.11	20.82	261	5625	21.08	3.32	21.34	261	6625	26.18	6.13	26.89	257
4650	20.67	3.11	20.90	261	5650	20.95	3.55	21.25	260	6650	26.77	5.39	27.31	258
4675	20.76	3.20	21.00	261	5675	20.93	3.55	21.23	260	6675	27.47	4.37	27.82	261
4700	20.61	3.00	20.82	262	5700	20.77	3.67	21.09	260	6700	28.20	3.55	28.42	263
4725	20.39	2.82	20.58	262	5725	20.64	3.96	21.01	259	6725	28.47	2.96	28.63	264
4750	20.22	2.67	20.40	262	5750	20.69	4.34	21.14	258	6750	28.55	2.61	28.67	265
4775	19.94	2.28	20.07	263	5775	20.56	4.78	21.11	257	6775	28.56	2.49	28.67	265
4800	20.04	2.11	20.15	264	5800	20.60	5.07	21.22	256	6800	28.53	2.17	28.61	265
4825	20.05	2.10	20.16	264	5825	21.03	5.27	21.68	256	6825	28.86	1.88	28.92	266
4850	19.90	2.18	20.02	264	5850	21.66	5.41	22.32	256	6850	28.97	1.55	29.01	267
4875	19.92	2.24	20.04	263	5875	22.05	5.66	22.77	255	6875	28.99	1.29	29.02	267
4900	19.69	2.17	19.81	264	5900	22.02	6.04	22.83	254	6900	29.32	1.06	29.34	268

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-101 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2581 04/29/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6925	29.66	0.71	29.67	268	7925	33.99	1.68	34.03	267	8925	37.79	3.00	37.91	265
6950	29.87	0.43	29.87	269	7950	34.16	1.51	34.19	267	8950	38.40	2.00	38.45	267
6975	30.04	0.29	30.04	269	7975	34.08	1.83	34.13	267	8975	38.34	2.69	38.44	266
7000	29.97	0.41	29.98	269	8000	33.71	2.49	33.80	266	9000	38.28	3.26	38.42	265
7025	29.59	0.60	29.60	269	8025	33.53	2.44	33.62	266	9025	38.50	2.53	38.58	266
7050	29.31	0.66	29.31	269	8050	33.50	2.74	33.61	265	9050	38.51	2.31	38.57	266
7075	29.25	0.86	29.26	268	8075	33.23	3.34	33.39	264	9075	38.50	2.36	38.58	266
7100	29.22	1.04	29.24	268	8100	33.09	3.50	33.28	264	9100	39.02	1.78	39.06	267
7125	29.14	0.95	29.16	268	8125	33.09	3.12	33.24	264	9125	39.29	1.18	39.31	268
7150	29.00	1.04	29.02	268	8150	33.13	2.94	33.26	265	9150	39.09	1.29	39.11	268
7175	28.88	1.35	28.91	267	8175	33.17	3.39	33.34	264	9175	39.13	1.36	39.15	268
7200	28.82	1.34	28.85	267	8200	32.98	3.80	33.20	263	9200	39.02	1.65	39.06	267
7225	28.63	1.34	28.66	267	8225	32.78	3.75	32.99	263	9225	38.82	2.28	38.89	266
7250	28.52	1.49	28.55	267	8250	32.73	3.99	32.97	263	9250	38.41	2.70	38.51	266
7275	28.71	1.31	28.74	267	8275	32.51	4.52	32.82	262	9275	37.80	2.75	37.90	266
7300	28.87	1.15	28.89	268	8300	32.30	4.46	32.61	262	9300	37.37	2.65	37.47	266
7325	28.92	1.14	28.95	268	8325	32.85	4.78	33.20	262	9325	36.95	3.13	37.08	265
7350	28.90	1.31	28.93	267	8350	33.57	5.63	34.04	260	9350	36.72	3.25	36.87	265
7375	28.79	1.72	28.84	266	8375	34.06	5.56	34.51	261	9375	36.52	3.24	36.66	265
7400	28.62	1.83	28.68	266	8400	34.72	4.73	35.04	262	9400	36.47	3.23	36.61	265
7425	28.36	1.77	28.42	266	8425	35.03	4.55	35.33	262	9425	36.43	3.09	36.56	265
7450	28.09	1.93	28.16	266	8450	34.79	4.79	35.12	262	9450	36.56	3.04	36.68	265
7475	28.18	1.78	28.23	266	8475	34.88	4.75	35.21	262	9475	36.32	2.66	36.42	266
7500	28.23	2.04	28.30	266	8500	35.33	4.71	35.65	262	9500	36.19	2.66	36.29	266
7525	28.20	2.09	28.28	266	8525	35.82	4.81	36.14	262	9525	36.66	2.87	36.77	265
7550	28.65	1.85	28.71	266	8550	36.30	4.25	36.55	263	9550	36.50	2.28	36.57	266
7575	29.42	1.49	29.46	267	8575	36.45	3.76	36.64	264	9575	36.10	1.84	36.15	267
7600	29.93	0.93	29.95	268	8600	36.36	3.97	36.58	264	9600	35.87	1.82	35.91	267
7625	30.23	0.64	30.23	269	8625	36.46	3.77	36.66	264	9625	35.72	2.00	35.78	267
7650	30.80	0.35	30.80	269	8650	36.57	3.94	36.78	264	9650	35.56	1.54	35.59	267
7675	31.34	0.07	31.34	270	8675	36.44	4.14	36.67	263	9675	35.35	0.91	35.36	268
7700	31.62	-0.02	31.62	270	8700	36.63	3.81	36.83	264	9700	35.07	1.46	35.10	267
7725	32.00	-0.36	32.01	270	8725	37.19	3.76	37.38	264	9725	34.95	1.71	34.99	267
7750	32.40	-0.44	32.40	271	8750	37.45	3.84	37.65	264	9750	35.29	1.04	35.30	268
7775	32.95	0.05	32.95	270	8775	37.47	4.08	37.69	264	9775	35.29	1.32	35.32	268
7800	33.44	0.20	33.44	269	8800	37.61	3.92	37.81	264	9800	34.99	1.50	35.02	267
7825	33.91	0.67	33.91	269	8825	37.53	3.90	37.73	264	9825	35.09	0.89	35.10	268
7850	34.19	1.45	34.22	267	8850	37.59	3.52	37.75	264	9850	35.08	1.03	35.09	268
7875	34.20	1.71	34.25	267	8875	37.62	2.94	37.74	265	9875	35.21	0.26	35.21	269
7900	34.05	1.57	34.08	267	8900	37.48	3.18	37.62	265	9900	35.33	-0.29	35.33	270

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2581 04/29/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9925	35.02	-0.09	35.02	270	10925	38.19	-0.65	38.19	271	11925	40.57	3.96	40.76	264
9950	34.64	0.19	34.64	269	10950	38.31	-1.33	38.33	272	11950	40.80	3.95	40.99	264
9975	34.71	0.91	34.72	268	10975	38.04	-1.51	38.07	272	11975	41.22	4.21	41.43	264
10000	34.69	0.50	34.70	269	11000	38.04	-1.79	38.08	272	12000	41.45	4.12	41.65	264
10025	34.54	-0.09	34.54	270	11025	38.21	-1.74	38.25	272	12025	41.33	3.96	41.52	264
10050	34.50	0.23	34.50	269	11050	38.50	-1.29	38.52	272	12050	41.51	3.44	41.65	265
10075	34.66	0.22	34.66	269	11075	38.88	-1.99	38.93	273	12075	41.92	3.44	42.06	265
10100	34.41	-0.10	34.41	270	11100	39.32	-2.05	39.37	273	12100	42.44	3.30	42.57	265
10125	34.14	0.39	34.14	269	11125	39.85	-1.64	39.89	272	12125	42.79	3.30	42.91	265
10150	34.34	0.42	34.35	269	11150	39.70	-1.44	39.72	272	12150	42.99	3.16	43.10	266
10175	34.43	-0.27	34.43	270	11175	39.23	-0.43	39.23	270	12175	43.62	2.29	43.68	267
10200	34.11	0.36	34.11	269	11200	39.55	-0.06	39.55	270	12200	44.19	1.84	44.23	267
10225	33.88	0.62	33.88	269	11225	39.50	0.05	39.50	270	12225	44.78	1.79	44.81	268
10250	33.98	0.11	33.98	270	11250	39.48	0.28	39.48	269	12250	45.09	2.32	45.15	267
10275	34.37	0.16	34.37	270	11275	39.30	0.93	39.32	268	12275	45.49	2.41	45.56	267
10300	34.54	0.53	34.54	269	11300	39.37	0.89	39.38	269	12300	46.29	1.61	46.32	268
10325	34.25	1.02	34.27	268	11325	39.56	0.36	39.56	269	12325	46.69	1.75	46.72	268
10350	34.06	0.57	34.07	269	11350	39.15	0.85	39.16	269	12350	47.38	1.30	47.40	268
10375	34.21	1.12	34.23	268	11375	39.50	0.49	39.50	269	12375	48.20	0.06	48.20	270
10400	34.24	1.77	34.29	267	11400	39.78	0.64	39.78	269	12400	48.93	0.25	48.93	270
10425	34.14	1.93	34.20	267	11425	39.47	1.93	39.52	267	12425	48.96	1.64	48.99	268
10450	34.59	1.19	34.61	268	11450	39.37	1.60	39.41	267	12450	48.99	0.55	48.99	269
10475	34.56	1.23	34.58	268	11475	39.46	1.48	39.49	268	12475	49.32	-0.35	49.32	270
10500	34.33	2.53	34.43	266	11500	39.31	1.76	39.35	267	12500	49.95	-0.28	49.95	270
10525	34.79	2.32	34.87	266	11525	39.10	1.93	39.14	267	12525	50.18	-0.03	50.18	270
10550	35.26	2.55	35.36	266	11550	38.89	2.24	38.95	267	12550	50.30	-0.35	50.30	270
10575	35.66	2.19	35.73	266	11575	38.58	2.67	38.67	266	12575	50.79	-0.55	50.79	270
10600	35.95	1.82	35.99	267	11600	38.61	2.82	38.72	266	12600	50.95	-0.37	50.95	270
10625	36.21	1.50	36.24	267	11625	38.60	2.33	38.67	266	12625	50.84	0.12	50.84	270
10650	36.55	0.99	36.56	268	11650	38.27	2.48	38.35	266	12650	51.19	-0.43	51.19	270
10675	36.48	1.57	36.52	267	11675	38.25	2.65	38.34	266	12675	51.18	-0.21	51.18	270
10700	36.68	0.06	36.68	270	11700	38.38	2.68	38.48	266	12700	50.94	0.85	50.95	269
10725	37.01	-0.48	37.02	271	11725	38.11	3.71	38.29	264	12725	51.39	0.24	51.39	270
10750	36.91	-0.45	36.91	270	11750	37.99	4.49	38.25	263	12750	51.68	0.79	51.68	269
10775	36.92	-0.68	36.93	271	11775	38.25	4.03	38.47	264	12775	51.34	0.93	51.34	269
10800	36.93	-0.50	36.94	271	11800	38.38	3.96	38.58	264	12800	50.82	0.22	50.82	270
10825	36.81	-1.56	36.84	272	11825	38.80	4.57	39.06	263	12825	51.29	0.27	51.29	269
10850	36.93	-1.10	36.94	272	11850	39.45	4.88	39.75	263	12850	51.78	0.32	51.78	269
10875	37.25	-0.74	37.26	271	11875	39.93	4.56	40.19	263	12875	52.13	0.53	52.13	269
10900	37.77	-0.80	37.77	271	11900	40.24	4.29	40.47	264	12900	51.93	0.92	51.94	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2581 04/29/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12925	51.67	0.80	51.67	269	13925	54.26	-2.59	54.32	273	14925	44.10	-4.17	44.30	275
12950	51.79	0.72	51.79	269	13950	54.00	-1.97	54.04	272	14950	44.10	-5.44	44.43	277
12975	52.25	0.52	52.25	269	13975	53.71	-1.66	53.73	272	14975	43.78	-6.40	44.24	278
13000	52.37	0.88	52.38	269	14000	53.07	-0.61	53.08	270	15000	43.11	-7.54	43.77	280
13025	52.28	0.95	52.29	269	14025	52.59	0.25	52.59	270	15025	42.26	-8.08	43.03	281
13050	52.23	0.21	52.23	270	14050	52.22	0.28	52.22	269	15050	40.84	-6.74	41.39	279
13075	51.97	0.64	51.98	269	14075	51.68	0.97	51.69	269	15075	39.98	-7.53	40.68	280
13100	52.04	1.35	52.06	268	14100	51.15	1.98	51.18	268	15100	38.72	-8.44	39.63	282
13125	52.30	1.23	52.31	268	14125	50.87	2.93	50.96	267	15125	38.33	-6.13	38.81	279
13150	52.37	1.50	52.39	268	14150	50.67	2.99	50.76	266	15150	38.19	-6.15	38.68	279
13175	52.16	1.54	52.18	268	14175	50.63	3.54	50.76	266	15175	37.55	-6.40	38.09	279
13200	51.94	0.99	51.95	269	14200	50.50	3.17	50.60	266	15200	36.91	-5.70	37.34	279
13225	51.97	1.25	51.98	268	14225	50.09	3.30	50.20	266	15225	35.81	-4.29	36.07	277
13250	52.10	-0.07	52.10	270	14250	49.87	4.26	50.05	265	15250	34.80	-2.67	34.90	274
13275	52.09	-0.15	52.09	270	14275	49.49	4.04	49.66	265	15275	34.46	-2.58	34.56	274
13300	52.23	0.36	52.24	269	14300	48.90	3.38	49.02	266	15300	33.87	-2.13	33.94	273
13325	52.27	0.22	52.27	270	14325	47.61	3.16	47.71	266	15325	33.20	-1.21	33.22	272
13350	52.56	0.92	52.57	269	14350	46.70	3.61	46.84	265	15350	32.25	1.42	32.29	267
13375	52.94	0.11	52.94	270	14375	45.92	2.47	45.98	267	15375	32.29	2.28	32.37	266
13400	53.12	-0.93	53.13	271	14400	45.33	2.73	45.41	266	15400	32.51	2.73	32.63	265
13425	53.19	-0.14	53.19	270	14425	44.92	1.90	44.96	267	15425	32.64	3.13	32.78	264
13450	53.08	0.62	53.08	269	14450	43.91	0.39	43.92	269	15450	32.42	3.23	32.58	264
13475	52.81	-0.35	52.82	270	14475	42.81	0.28	42.81	269	15475	31.92	3.33	32.10	264
13500	52.40	-0.05	52.40	270	14500	41.78	0.22	41.78	269	15500	31.06	4.41	31.37	262
13525	52.55	0.38	52.55	269	14525	41.95	-1.18	41.97	271	15525	30.76	4.39	31.07	262
13550	52.77	-1.17	52.78	271	14550	41.68	-1.20	41.70	271	15550	30.66	3.62	30.87	263
13575	52.89	-1.48	52.91	271	14575	41.46	-0.11	41.46	270	15575	30.99	3.83	31.22	263
13600	53.13	-0.72	53.13	271	14600	41.35	0.69	41.36	269	15600	31.48	4.80	31.84	261
13625	53.33	-1.20	53.34	271	14625	41.90	0.73	41.91	269	15625	31.72	4.62	32.05	262
13650	53.24	-1.29	53.25	271	14650	42.13	0.76	42.14	269	15650	31.66	3.77	31.89	263
13675	52.95	-1.09	52.96	271	14675	41.97	0.39	41.97	269	15675	31.99	4.86	32.36	261
13700	52.98	-1.30	52.99	271	14700	41.81	0.15	41.81	270	15700	31.89	4.64	32.23	262
13725	53.24	-1.38	53.26	271	14725	41.81	-0.86	41.81	271	15725	31.19	6.06	31.78	259
13750	53.39	-1.47	53.41	271	14750	41.94	-2.28	42.01	273	15750	31.58	8.05	32.59	256
13775	53.36	-1.44	53.38	271	14775	42.48	-2.39	42.55	273	15775	31.92	7.45	32.78	257
13800	53.59	-1.29	53.61	271	14800	42.68	-2.63	42.76	273	15800	32.86	6.82	33.56	258
13825	53.77	-1.05	53.78	271	14825	42.93	-2.66	43.01	273	15825	33.52	7.21	34.29	258
13850	53.79	-0.70	53.80	271	14850	43.02	-2.97	43.12	274	15850	33.86	6.72	34.52	259
13875	54.14	-1.39	54.16	271	14875	43.89	-3.79	44.05	275	15875	33.58	6.02	34.11	260
13900	54.38	-2.01	54.42	272	14900	44.09	-3.82	44.26	275	15900	33.39	7.00	34.11	258

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2581 04/29/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15925	33.76	6.75	34.43	258	16925	23.07	9.06	24.79	248	17925	16.80	2.17	16.94	262
15950	33.85	6.69	34.51	259	16950	20.52	6.71	21.59	252	17950	16.66	2.42	16.84	262
15975	33.32	6.67	33.98	258	16975	20.17	6.52	21.20	252					
16000	33.04	5.85	33.55	260	17000	21.76	5.81	22.52	255					
16025	32.82	7.25	33.61	257	17025	21.62	6.75	22.65	252					
16050	32.02	8.13	33.03	256	17050	21.37	6.34	22.29	253					
16075	31.93	6.64	32.62	258	17075	20.84	4.19	21.26	258					
16100	31.42	8.55	32.56	255	17100	19.91	3.33	20.18	260					
16125	31.24	8.25	32.31	255	17125	19.02	3.91	19.41	258					
16150	31.09	8.23	32.16	255	17150	17.41	5.14	18.15	253					
16175	31.18	7.37	32.04	257	17175	16.64	5.49	17.52	252					
16200	30.65	8.11	31.71	255	17200	16.05	7.79	17.85	244					
16225	30.38	7.02	31.18	257	17225	16.24	7.78	18.01	244					
16250	30.31	6.10	30.92	258	17250	16.10	8.03	17.99	243					
16275	29.25	7.25	30.13	256	17275	15.77	6.50	17.05	247					
16300	28.56	7.43	29.51	255	17300	15.95	5.89	17.01	250					
16325	28.50	9.07	29.91	252	17325	16.29	6.03	17.37	249					
16350	28.59	8.53	29.83	253	17350	16.56	5.26	17.38	252					
16375	27.90	8.89	29.29	252	17375	16.82	6.05	17.88	250					
16400	27.05	11.48	29.38	247	17400	17.17	6.71	18.44	248					
16425	27.74	9.84	29.43	250	17425	17.53	6.19	18.60	250					
16450	27.87	9.05	29.30	252	17450	17.58	6.37	18.70	250					
16475	27.52	10.69	29.53	249	17475	17.45	7.23	18.89	247					
16500	27.34	11.07	29.50	248	17500	17.19	5.68	18.10	252					
16525	26.66	9.22	28.21	251	17525	17.50	6.41	18.63	250					
16550	26.06	12.02	28.70	245	17550	17.51	8.48	19.46	244					
16575	26.32	12.60	29.18	244	17575	17.35	8.79	19.45	243					
16600	26.50	10.85	28.64	248	17600	17.25	6.77	18.53	248					
16625	26.68	10.85	28.80	248	17625	18.47	6.14	19.47	251					
16650	26.61	11.57	29.01	246	17650	18.72	6.86	19.94	250					
16675	26.89	11.12	29.09	247	17675	18.90	6.49	19.99	251					
16700	26.70	12.27	29.38	245	17700	18.80	6.06	19.76	252					
16725	25.88	13.19	29.05	243	17725	18.25	4.91	18.90	255					
16750	25.39	12.26	28.20	244	17750	18.15	4.59	18.72	256					
16775	25.29	12.38	28.15	244	17775	17.91	4.49	18.46	256					
16800	25.19	11.92	27.87	244	17800	17.73	5.56	18.58	252					
16825	24.95	12.70	27.99	243	17825	17.22	5.09	17.95	253					
16850	24.36	12.04	27.17	244	17850	17.30	3.59	17.67	258					
16875	23.82	11.61	26.49	244	17875	17.26	2.45	17.44	262					
16900	22.99	11.53	25.72	243	17900	17.17	1.92	17.28	263					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-102

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2576 04/29/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
275	3.64	-10.49	11.11	341	1275	9.22	-1.64	9.36	280	2275	16.71	2.54	16.90	261
300	3.68	-10.75	11.37	341	1300	9.30	-0.83	9.34	275	2300	16.71	2.35	16.87	262
325	3.09	-11.19	11.61	344	1325	9.59	-0.72	9.61	274	2325	16.65	2.04	16.78	263
350	2.22	-11.69	11.90	349	1350	9.92	-0.97	9.97	275	2350	16.68	1.70	16.76	264
375	1.67	-11.79	11.91	352	1375	9.88	-1.09	9.94	276	2375	16.79	1.26	16.84	265
400	1.41	-11.88	11.96	353	1400	9.50	-1.19	9.58	277	2400	16.95	0.91	16.97	267
425	1.20	-12.01	12.07	354	1425	9.40	-1.55	9.53	279	2425	17.39	0.32	17.39	269
450	1.12	-12.13	12.18	355	1450	9.54	-1.82	9.71	281	2450	17.93	-0.37	17.94	271
475	1.20	-12.03	12.09	354	1475	9.97	-2.02	10.17	281	2475	18.25	-0.70	18.27	272
500	1.14	-11.74	11.80	354	1500	10.56	-2.15	10.78	281	2500	18.61	-0.97	18.64	273
525	0.87	-11.47	11.51	355	1525	11.04	-2.22	11.26	281	2525	19.08	-1.39	19.13	274
550	0.50	-11.26	11.28	357	1550	11.41	-2.11	11.60	280	2550	19.72	-1.66	19.79	275
575	0.14	-10.91	10.91	359	1575	11.70	-1.78	11.83	278	2575	20.60	-1.65	20.67	274
600	-0.11	-10.54	10.54	0	1600	11.79	-1.35	11.87	276	2600	21.13	-1.43	21.17	274
625	-0.31	-10.29	10.29	2	1625	11.98	-0.88	12.01	274	2625	21.28	-1.06	21.31	273
650	-0.30	-9.94	9.94	2	1650	12.30	-0.76	12.32	273	2650	21.49	-0.98	21.51	272
675	0.08	-9.80	9.81	359	1675	12.74	-0.81	12.76	273	2675	21.66	-1.05	21.68	273
700	0.57	-9.70	9.72	356	1700	13.32	-1.00	13.35	274	2700	21.94	-1.08	21.97	273
725	0.88	-9.51	9.56	354	1725	13.83	-1.28	13.89	275	2725	21.97	-0.89	21.99	272
750	1.24	-9.51	9.59	352	1750	14.31	-1.20	14.36	275	2750	21.54	-0.49	21.55	271
775	1.50	-9.40	9.52	351	1775	14.88	-0.75	14.90	273	2775	21.40	0.26	21.40	269
800	1.69	-8.91	9.07	349	1800	15.43	-0.32	15.44	271	2800	21.66	1.06	21.69	267
825	1.97	-8.33	8.56	347	1825	16.00	-0.04	16.00	270	2825	21.85	1.44	21.89	266
850	2.18	-7.99	8.28	345	1850	16.46	0.30	16.46	269	2850	21.84	1.61	21.90	266
875	2.40	-7.85	8.21	343	1875	16.53	0.68	16.54	267	2875	21.66	1.63	21.72	265
900	2.61	-7.90	8.32	342	1900	16.40	1.24	16.45	265	2900	21.38	1.70	21.44	265
925	2.77	-7.94	8.41	341	1925	16.47	1.78	16.57	264	2925	21.33	1.85	21.41	265
950	2.95	-7.99	8.51	340	1950	16.65	2.07	16.78	263	2950	21.50	1.96	21.59	265
975	3.13	-7.84	8.44	338	1975	16.62	2.35	16.79	262	2975	21.61	1.98	21.70	265
1000	3.32	-7.71	8.39	336	2000	16.56	2.60	16.76	261	3000	21.67	1.83	21.75	265
1025	3.62	-7.58	8.40	334	2025	16.55	2.70	16.77	261	3025	21.69	1.77	21.76	265
1050	3.92	-7.33	8.31	332	2050	16.54	2.84	16.78	260	3050	21.53	1.82	21.61	265
1075	4.15	-7.16	8.28	330	2075	16.61	3.01	16.88	260	3075	21.69	1.88	21.77	265
1100	4.46	-6.90	8.21	327	2100	16.52	3.18	16.82	259	3100	22.15	2.22	22.26	264
1125	4.16	-6.48	8.29	321	2125	16.54	3.25	16.86	259	3125	22.23	2.65	22.39	263
1150	6.15	-5.90	8.53	314	2150	16.68	3.20	16.98	259	3150	22.29	2.96	22.49	262
1175	6.94	-5.40	8.79	308	2175	16.79	3.06	17.07	259	3175	22.61	3.15	22.83	262
1200	7.76	-4.77	9.11	301	2200	16.81	2.95	17.07	260	3200	22.99	3.29	23.22	262
1225	8.61	-3.72	9.38	293	2225	16.78	2.77	17.01	260	3225	23.22	3.31	23.46	262
1250	9.12	-2.70	9.51	286	2250	16.79	2.60	16.99	261	3250	23.36	3.28	23.59	262

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2576 04/29/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3275	23.68	2.82	23.85	263	4275	28.04	2.06	28.11	266	5275	30.32	5.08	30.74	260
3300	23.93	2.21	24.03	265	4300	28.04	2.21	28.13	265	5300	30.73	5.37	31.19	260
3325	23.88	1.93	23.96	265	4325	27.98	2.44	28.09	265	5325	30.97	5.36	31.43	260
3350	23.94	1.70	24.00	266	4350	27.73	2.44	27.84	265	5350	31.21	4.96	31.60	261
3375	23.89	1.57	23.94	266	4375	27.76	2.44	27.87	265	5375	31.24	4.85	31.61	261
3400	24.00	1.24	24.03	267	4400	27.93	2.51	27.94	265	5400	31.09	4.82	31.46	261
3425	24.56	0.64	24.57	268	4425	27.81	2.58	27.93	264	5425	30.98	4.66	31.33	261
3450	24.61	0.37	24.61	269	4450	27.83	2.75	27.96	264	5450	31.00	4.64	31.35	261
3475	24.58	0.07	24.58	270	4475	27.74	2.78	27.88	264	5475	31.03	4.63	31.37	261
3500	25.22	-0.42	25.22	271	4500	27.65	2.74	27.78	264	5500	31.13	4.30	31.43	262
3525	25.64	-0.83	25.65	272	4525	27.71	2.89	27.86	264	5525	31.25	3.96	31.50	263
3550	25.86	-1.30	25.89	273	4550	27.86	3.05	28.02	264	5550	31.31	3.66	31.52	263
3575	26.19	-1.64	26.24	273	4575	27.79	3.00	27.96	264	5575	31.43	2.97	31.57	264
3600	26.54	-1.85	26.61	274	4600	27.92	3.07	28.09	264	5600	31.75	2.00	31.81	266
3625	26.74	-2.01	26.81	274	4625	28.06	3.21	28.24	263	5625	31.85	1.56	31.89	267
3650	26.75	-1.92	26.82	274	4650	27.92	3.33	28.11	263	5650	32.06	1.32	32.09	267
3675	27.06	-1.87	27.13	274	4675	27.89	3.61	28.13	262	5675	32.30	1.62	32.34	267
3700	27.20	-1.56	27.27	274	4700	27.62	3.83	27.89	262	5700	32.27	2.30	32.35	266
3725	27.20	-2.04	27.27	274	4725	27.56	3.89	27.83	262	5725	32.37	2.82	32.49	265
3750	27.20	-2.01	27.28	274	4750	27.75	3.93	28.03	262	5750	32.31	3.31	32.48	264
3775	27.19	-1.97	27.27	274	4775	27.90	3.99	28.18	262	5775	32.11	3.81	32.34	263
3800	27.28	-1.86	27.34	274	4800	27.94	3.98	28.23	262	5800	32.08	4.53	32.40	262
3825	27.39	-1.59	27.44	273	4825	27.98	3.95	28.26	262	5825	32.20	5.14	32.60	261
3850	27.68	-1.27	27.71	272	4850	28.23	3.95	28.51	262	5850	32.38	5.60	32.86	260
3875	27.92	-1.13	27.95	272	4875	28.40	3.67	28.64	262	5875	32.49	6.17	33.08	259
3900	28.25	-1.19	28.27	272	4900	28.48	3.46	28.69	263	5900	32.33	6.76	33.03	258
3925	28.40	-1.07	28.42	272	4925	28.50	3.41	28.70	263	5925	32.28	6.97	33.02	258
3950	28.12	-0.74	28.13	271	4950	28.58	3.32	28.77	263	5950	32.51	6.93	33.24	258
3975	27.98	-0.42	27.98	271	4975	28.41	3.51	28.63	263	5975	32.73	7.10	33.49	258
4000	27.87	-0.16	27.87	270	5000	28.03	3.96	28.30	262	6000	33.26	6.97	33.98	258
4025	27.85	0.20	27.85	269	5025	27.70	4.40	28.04	261	6025	33.94	6.56	34.57	259
4050	27.95	0.72	27.96	268	5050	27.61	4.84	28.03	260	6050	34.06	6.19	34.62	260
4075	28.09	1.05	28.10	268	5075	27.79	5.02	28.24	260	6075	33.91	6.02	34.44	260
4100	28.01	1.12	28.03	268	5100	27.80	4.86	28.22	260	6100	33.82	5.79	34.31	260
4125	27.84	1.32	27.87	267	5125	27.99	4.75	28.39	260	6125	33.44	5.83	33.95	260
4150	27.83	1.45	27.86	267	5150	28.37	4.85	28.79	260	6150	33.00	5.96	33.54	260
4175	27.69	1.56	27.73	267	5175	28.73	5.21	29.20	260	6175	32.89	5.59	33.36	260
4200	27.67	1.72	27.72	266	5200	29.13	5.35	29.62	259	6200	32.93	5.59	33.40	260
4225	27.64	1.91	27.70	266	5225	29.49	5.08	29.93	260	6225	32.93	5.80	33.44	260
4250	27.81	2.07	27.89	266	5250	29.79	5.05	30.22	260	6250	32.98	5.41	33.42	260

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FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2576 04/29/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6275	33.26	4.80	33.61	262	7275	39.17	-1.69	39.21	272	8275	37.46	6.15	37.96	260
6300	33.76	4.44	34.05	262	7300	38.98	-1.51	39.01	272	8300	37.74	5.98	38.21	261
6325	34.15	4.29	34.42	263	7325	38.96	-1.63	39.00	272	8325	37.56	6.61	38.14	260
6350	34.28	4.16	34.53	263	7350	39.34	-1.35	39.36	272	8350	37.45	7.05	38.11	259
6375	34.29	4.26	34.56	263	7375	39.53	-1.63	39.57	272	8375	37.51	7.07	38.17	259
6400	34.48	4.75	34.80	262	7400	39.53	-1.96	39.57	273	8400	37.29	7.23	37.98	259
6425	34.62	5.02	34.98	262	7425	39.51	-0.98	39.52	271	8425	37.24	7.32	37.96	259
6450	34.53	4.84	34.86	262	7450	39.48	-1.43	39.50	272	8450	37.46	7.24	38.15	259
6475	34.45	4.94	34.80	262	7475	39.54	-1.74	39.58	272	8475	37.47	7.45	38.21	259
6500	34.50	5.17	34.89	261	7500	39.51	-0.87	39.52	271	8500	37.46	7.22	38.15	259
6525	34.55	5.06	34.92	261	7525	39.43	-0.73	39.44	271	8525	37.84	7.20	38.52	259
6550	34.62	5.04	34.98	262	7550	39.71	0.08	39.71	270	8550	37.92	7.67	38.68	258
6575	34.84	5.04	35.20	262	7575	40.28	0.27	40.28	269	8575	37.75	8.02	38.59	258
6600	34.80	5.02	35.16	262	7600	40.80	-0.32	40.80	270	8600	38.30	7.74	39.07	258
6625	34.67	4.53	34.97	262	7625	41.29	0.04	41.29	270	8625	38.61	7.39	39.31	259
6650	34.82	4.54	35.11	262	7650	41.50	0.54	41.51	269	8650	38.71	7.69	39.47	259
6675	34.75	5.19	35.14	261	7675	41.95	0.22	41.95	270	8675	38.32	7.89	39.13	258
6700	34.88	5.67	35.34	261	7700	42.25	0.07	42.25	270	8700	38.03	7.33	38.73	259
6725	35.26	5.63	35.71	261	7725	41.82	1.18	41.84	268	8725	38.26	7.25	38.94	259
6750	35.55	4.88	35.89	262	7750	41.24	2.29	41.30	267	8750	38.10	7.59	38.85	259
6775	35.85	4.82	36.17	262	7775	40.92	2.63	41.00	266	8775	37.94	6.71	38.53	260
6800	36.08	5.13	36.45	262	7800	40.52	2.16	40.58	267	8800	37.78	6.41	38.32	260
6825	36.19	4.88	36.52	262	7825	40.24	2.19	40.30	267	8825	37.64	6.64	38.22	260
6850	36.30	4.98	36.64	262	7850	40.14	2.59	40.22	266	8850	37.66	6.44	38.21	260
6875	36.35	5.23	36.73	262	7875	39.71	3.01	39.82	265	8875	37.50	6.26	38.02	260
6900	36.50	5.57	36.93	261	7900	39.18	2.87	39.28	266	8900	37.55	5.91	38.01	261
6925	36.52	5.30	36.90	262	7925	39.06	2.94	39.17	265	8925	37.61	5.94	38.07	261
6950	36.39	4.97	36.73	262	7950	39.23	3.19	39.36	265	8950	37.39	6.12	37.89	261
6975	36.56	4.89	36.89	262	7975	39.13	3.10	39.25	265	8975	37.45	6.17	37.96	260
7000	36.77	4.12	37.00	263	8000	38.63	3.28	38.76	265	9000	37.88	6.19	38.38	261
7025	36.92	3.66	37.10	264	8025	38.43	3.38	38.58	265	9025	38.06	6.30	38.58	260
7050	36.90	3.55	37.07	264	8050	38.19	3.53	38.35	265	9050	38.33	6.54	38.88	260
7075	37.01	3.17	37.15	265	8075	38.04	4.58	38.32	263	9075	38.62	6.29	39.13	261
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7125	37.40	2.62	37.49	266	8125	37.38	4.24	37.62	263	9125	40.04	5.06	40.36	263
7150	37.70	1.55	37.73	267	8150	37.00	4.33	37.25	263	9150	40.43	5.24	40.77	262
7175	38.11	0.98	38.13	268	8175	37.24	5.12	37.59	262	9175	40.62	5.45	40.98	262
7200	38.47	0.32	38.47	269	8200	37.50	5.45	37.89	262	9200	41.32	5.53	41.69	262
7225	38.89	-1.27	38.91	272	8225	37.56	5.46	37.95	262	9225	41.47	5.63	41.85	262
7250	39.16	-1.58	39.20	272	8250	37.31	5.93	37.78	261	9250	41.65	5.00	41.95	263

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TEST NUMBER 2576 04/29/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9275	42.28	5.35	42.62	263	10275	42.65	6.14	43.08	262	11275	45.66	2.09	45.71	267
9300	42.62	4.66	42.87	264	10300	42.54	6.54	43.04	261	11300	46.00	2.43	46.06	267
9325	42.79	4.69	43.04	264	10325	42.77	7.12	43.35	260	11325	46.25	1.08	46.26	268
9350	43.08	4.93	43.36	263	10350	42.88	6.19	43.32	262	11350	46.05	1.57	46.08	268
9375	43.22	3.91	43.40	265	10375	42.73	6.34	43.20	261	11375	46.31	1.63	46.34	268
9400	43.07	2.95	43.18	266	10400	42.40	6.57	42.90	261	11400	46.65	0.68	46.66	269
9425	43.03	3.37	43.17	265	10425	41.91	6.78	42.46	261	11425	46.30	0.43	46.30	269
9450	42.89	3.54	43.03	265	10450	41.74	7.04	42.33	260	11450	46.16	1.71	46.19	268
9475	42.68	3.52	42.82	265	10475	41.71	7.31	42.35	260	11475	46.33	1.51	46.36	268
9500	42.97	2.98	43.07	266	10500	41.42	8.11	42.21	259	11500	46.24	1.15	46.25	268
9525	42.98	2.82	43.07	266	10525	41.38	7.71	42.09	259	11525	46.23	1.67	46.26	268
9550	42.80	3.17	42.92	266	10550	41.51	7.27	42.14	260	11550	46.05	1.53	46.07	268
9575	42.93	2.31	42.99	267	10575	41.36	7.65	42.06	259	11575	45.95	1.44	45.98	268
9600	42.95	2.74	43.04	266	10600	41.21	8.45	42.07	258	11600	46.38	2.27	46.43	267
9625	43.11	2.90	43.21	266	10625	40.92	7.86	41.67	259	11625	46.79	2.86	46.88	266
9650	43.34	2.16	43.40	267	10650	41.13	8.49	42.00	258	11650	46.80	2.47	46.86	267
9675	43.34	2.89	43.44	266	10675	41.61	8.41	42.46	258	11675	47.09	1.98	47.13	267
9700	43.54	3.10	43.66	266	10700	41.96	7.69	42.66	259	11700	47.32	1.76	47.35	268
9725	43.66	2.91	43.76	266	10725	42.31	7.46	42.96	260	11725	46.90	3.05	47.00	266
9750	43.88	3.00	43.98	266	10750	42.79	7.10	43.38	260	11750	47.09	3.91	47.26	265
9775	43.95	2.69	44.03	266	10775	43.04	6.84	43.58	261	11775	47.54	2.54	47.61	267
9800	43.74	2.35	43.81	267	10800	43.16	6.84	43.70	261	11800	47.67	3.32	47.78	266
9825	43.67	2.87	43.76	266	10825	43.24	7.18	43.83	260	11825	48.14	3.62	48.27	266
9850	43.72	3.46	43.85	265	10850	43.10	5.92	43.51	262	11850	48.45	2.90	48.53	266
9875	44.09	3.17	44.21	266	10875	42.79	7.37	43.42	260	11875	48.75	2.36	48.81	267
9900	44.09	3.85	44.26	265	10900	43.25	6.97	43.81	261	11900	48.84	2.02	48.88	267
9925	44.25	4.55	44.48	264	10925	43.39	4.92	43.67	263	11925	48.64	3.51	48.77	266
9950	44.34	3.79	44.50	265	10950	44.04	7.05	44.60	261	11950	48.68	2.41	48.74	267
9975	44.18	3.53	44.32	265	10975	44.43	6.66	44.93	261	11975	48.82	1.61	48.85	268
10000	44.32	4.58	44.55	264	11000	44.59	5.28	44.90	263	12000	48.80	1.72	48.83	268
10025	44.30	4.51	44.52	264	11025	44.89	4.41	45.10	264	12025	48.92	1.23	48.94	268
10050	43.84	5.21	44.15	263	11050	45.44	3.98	45.62	265	12050	49.20	2.06	49.25	267
10075	43.36	5.73	43.74	262	11075	45.55	4.43	45.77	264	12075	49.53	0.77	49.54	269
10100	43.39	5.01	43.68	263	11100	46.07	3.29	46.19	266	12100	49.46	-0.59	49.47	270
10125	43.42	5.31	43.74	263	11125	46.30	3.16	46.41	266	12125	49.84	0.73	49.84	269
10150	43.41	5.00	43.70	263	11150	45.90	2.82	45.99	266	12150	49.90	1.36	49.92	268
10175	43.21	3.79	43.38	265	11175	45.56	1.50	45.59	268	12175	49.50	0.36	49.50	269
10200	42.81	4.19	43.01	264	11200	45.27	2.29	45.32	267	12200	49.97	0.69	49.98	269
10225	42.91	5.18	43.22	263	11225	45.15	4.23	45.34	264	12225	49.98	0.63	49.98	269
10250	42.76	6.06	43.18	262	11250	44.93	2.45	45.00	267	12250	49.79	1.11	49.80	269

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-102 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2576 04/29/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12275	50.01	1.46	50.03	268	13275	54.55	-4.49	54.73	275	14275	44.04	2.17	44.09	267
12300	50.60	0.63	50.60	269	13300	54.72	-3.45	54.83	273	14300	44.36	3.80	44.53	265
12325	51.21	0.55	51.21	269	13325	54.98	-5.39	55.24	275	14325	44.07	2.52	44.14	267
12350	51.64	0.91	51.65	269	13350	54.90	-6.10	55.24	276	14350	43.49	1.84	43.53	267
12375	51.92	1.87	51.95	268	13375	54.94	-5.39	55.20	275	14375	42.46	0.41	42.46	269
12400	52.06	1.95	52.10	268	13400	55.48	-5.61	55.76	276	14400	41.74	0.79	41.74	269
12425	52.24	0.60	52.25	269	13425	55.22	-7.26	55.69	277	14425	39.81	-0.07	39.81	270
12450	51.94	-0.77	51.94	271	13450	54.16	-6.51	54.55	277	14450	38.78	0.45	38.79	269
12475	52.55	0.86	52.56	269	13475	52.71	-3.62	52.84	274	14475	37.87	0.36	37.87	269
12500	52.62	1.47	52.64	268	13500	52.25	-3.30	52.35	273	14500	37.87	-1.83	37.92	273
12525	52.57	0.17	52.57	270	13525	51.07	-1.37	51.09	271	14525	38.38	-1.55	38.41	272
12550	52.73	0.54	52.73	269	13550	49.92	-0.69	49.92	271	14550	38.89	-1.49	38.92	272
12575	52.42	0.64	52.43	269	13575	48.86	-2.69	48.93	273	14575	39.08	-1.43	39.10	272
12600	52.83	-0.51	52.83	270	13600	48.64	-1.48	48.66	272	14600	39.57	-1.44	39.60	272
12625	52.82	0.72	52.82	269	13625	49.41	0.09	49.41	270	14625	39.97	-1.36	39.99	272
12650	52.80	1.82	52.83	268	13650	49.79	0.62	49.79	269	14650	40.02	-1.82	40.06	272
12675	53.49	-0.34	53.50	270	13675	49.88	2.02	49.92	267	14675	40.15	-1.69	40.18	272
12700	53.65	-0.97	53.66	271	13700	49.70	1.71	49.73	268	14700	40.24	-2.25	40.31	273
12725	53.61	-1.14	53.62	271	13725	49.78	1.82	49.82	268	14725	40.53	-1.97	40.58	273
12750	53.35	-1.49	53.37	271	13750	49.86	1.99	49.90	268	14750	40.48	-0.77	40.49	271
12775	53.12	-1.21	53.14	271	13775	49.49	1.26	49.50	268	14775	40.07	-2.43	40.15	273
12800	53.38	-1.98	53.41	272	13800	49.56	1.38	49.58	268	14800	39.48	-3.84	39.67	275
12825	53.19	-2.38	53.24	272	13825	49.34	1.75	49.37	268	14825	39.43	-2.84	39.53	274
12850	52.39	-1.59	52.41	272	13850	48.91	2.98	49.00	266	14850	38.91	-2.51	38.99	273
12875	52.01	-2.10	52.05	272	13875	49.03	3.54	49.16	266	14875	38.72	-2.44	38.79	273
12900	51.48	-2.40	51.54	272	13900	48.87	2.89	48.96	266	14900	38.52	-2.72	38.62	274
12925	51.61	-2.27	51.66	272	13925	47.92	2.41	47.98	267	14925	37.91	-3.42	38.07	275
12950	52.08	-3.06	52.17	273	13950	47.43	2.95	47.52	266	14950	37.66	-1.81	37.71	273
12975	51.77	-1.35	51.79	271	13975	46.61	3.53	46.75	265	14975	36.89	-0.37	36.89	270
13000	52.14	-1.22	52.15	271	14000	46.48	1.67	46.51	268	15000	36.26	-0.11	36.26	270
13025	52.52	-3.29	52.63	273	14025	46.40	1.31	46.42	268					
13050	52.53	-2.38	52.58	272	14050	45.51	2.56	45.58	267					
13075	52.62	-1.12	52.63	271	14075	45.20	1.90	45.24	267					
13100	52.54	-2.53	52.61	273	14100	45.10	0.78	45.11	269					
13125	52.92	-2.92	53.00	273	14125	45.12	1.65	45.15	268					
13150	53.33	-3.09	53.42	273	14150	44.99	1.17	45.00	268					
13175	53.50	-2.68	53.56	273	14175	44.41	0.96	44.42	269					
13200	53.65	-2.43	53.71	272	14200	44.79	2.04	44.84	267					
13225	54.04	-4.11	54.19	274	14225	44.47	2.40	44.53	267					
13250	54.23	-5.11	54.47	275	14250	43.51	0.02	43.51	270					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2804 05/04/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
375	-5.70	1.62	5.92	106	1375	-6.80	2.46	7.23	110	2375	-7.51	1.04	7.58	98
400	-5.73	1.65	5.96	106	1400	-6.86	2.36	7.26	109	2400	-7.59	0.89	7.64	96
425	-5.48	1.68	5.73	107	1425	-6.91	2.31	7.29	108	2425	-7.58	0.80	7.62	96
450	-5.16	1.73	5.45	108	1450	-6.83	2.23	7.18	108	2450	-7.57	0.92	7.63	97
475	-5.02	1.77	5.32	109	1475	-6.82	2.20	7.17	108	2475	-7.43	0.86	7.48	96
500	-4.80	1.81	5.13	110	1500	-6.82	2.17	7.15	107	2500	-7.31	0.66	7.34	95
525	-4.67	1.76	4.99	110	1525	-6.81	2.14	7.14	107	2525	-7.12	0.61	7.14	95
550	-4.60	1.70	4.90	110	1550	-6.81	2.11	7.13	107	2550	-6.92	0.43	6.94	93
575	-4.51	1.56	4.77	109	1575	-6.81	2.08	7.12	107	2575	-7.07	0.31	7.08	92
600	-4.46	1.52	4.71	109	1600	-6.80	2.05	7.10	107	2600	-7.13	0.25	7.14	92
625	-4.53	1.57	4.80	109	1625	-6.80	2.02	7.09	106	2625	-6.91	0.10	6.91	91
650	-4.63	1.52	4.87	108	1650	-6.79	1.99	7.08	106	2650	-6.78	0.07	6.78	90
675	-4.70	1.46	4.93	107	1675	-6.79	1.96	7.07	106	2675	-6.94	0.27	6.94	92
700	-4.73	1.45	4.95	107	1700	-6.79	1.93	7.05	106	2700	-7.10	0.58	7.13	94
725	-4.64	1.44	4.86	107	1725	-6.78	1.90	7.04	105	2725	-7.08	0.73	7.12	96
750	-4.64	1.40	4.85	107	1750	-6.78	1.87	7.03	105	2750	-6.89	0.93	6.95	97
775	-4.69	1.45	4.91	107	1775	-6.77	1.84	7.02	105	2775	-6.55	1.22	6.66	100
800	-4.77	1.51	5.00	107	1800	-6.77	1.81	7.01	105	2800	-6.28	1.44	6.44	103
825	-4.80	1.59	5.06	108	1825	-6.77	1.78	7.00	105	2825	-6.25	1.47	6.42	103
850	-4.79	1.62	5.05	109	1850	-6.76	1.75	6.99	104	2850	-6.26	1.16	6.37	100
875	-4.89	1.76	5.20	110	1875	-6.76	1.72	6.97	104	2875	-6.17	0.86	6.23	98
900	-4.81	2.12	5.26	114	1900	-6.75	1.69	6.96	104	2900	-6.23	0.74	6.27	97
925	-4.66	2.45	5.27	117	1925	-6.75	1.66	6.95	104	2925	-6.28	0.69	6.32	96
950	-4.84	2.79	5.58	120	1950	-6.75	1.63	6.94	103	2950	-6.27	0.86	6.33	98
975	-5.06	3.14	5.95	122	1975	-6.74	1.60	6.93	103	2975	-6.34	1.05	6.43	99
1000	-4.82	3.20	5.78	123	2000	-6.74	1.57	6.92	103	3000	-6.46	1.29	6.59	101
1025	-4.58	3.57	5.81	128	2025	-6.74	1.54	6.91	103	3025	-6.53	1.56	6.71	103
1050	-4.60	4.22	6.24	132	2050	-6.73	1.51	6.90	102	3050	-6.67	1.70	6.88	104
1075	-4.49	4.45	6.32	135	2075	-6.73	1.48	6.89	102	3075	-6.92	1.94	7.19	105
1100	-4.45	4.41	6.26	134	2100	-6.72	1.45	6.88	102	3100	-6.78	1.95	7.06	106
1125	-4.71	4.40	6.44	133	2125	-6.72	1.42	6.87	102	3125	-6.34	1.77	6.58	105
1150	-5.24	4.21	6.73	129	2150	-6.72	1.39	6.86	102	3150	-6.13	1.61	6.34	105
1175	-5.63	3.70	6.73	123	2175	-6.88	1.49	7.04	102	3175	-6.11	1.75	6.36	106
1200	-5.67	3.23	6.52	119	2200	-7.03	1.77	7.25	104	3200	-6.14	2.08	6.49	108
1225	-5.76	3.13	6.55	118	2225	-6.93	1.97	7.20	106	3225	-6.47	2.09	6.66	108
1250	-5.81	3.29	6.68	119	2250	-6.84	1.92	7.11	106	3250	-7.04	1.97	7.31	105
1275	-5.88	3.24	6.71	119	2275	-6.82	1.96	7.10	106	3275	-7.31	1.72	7.51	103
1300	-6.09	3.08	6.82	117	2300	-6.69	2.07	7.00	107	3300	-7.29	1.24	7.39	99
1325	-6.28	2.95	6.94	115	2325	-6.72	1.66	6.92	104	3325	-7.29	1.01	7.36	98
1350	-6.60	2.68	7.13	112	2350	-7.11	1.16	7.21	99	3350	-7.11	1.27	7.23	100

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2804 05/04/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3375	-6.93	1.53	7.10	102	4375	-5.83	-2.52	6.35	66	5375	-6.71	-1.77	6.94	75
3400	-6.81	1.57	6.99	103	4400	-6.04	-2.41	6.50	68	5400	-6.52	-2.02	6.83	73
3425	-6.73	1.57	6.91	103	4425	-6.30	-2.14	6.65	71	5425	-6.54	-2.01	6.85	73
3450	-6.73	1.49	6.89	102	4450	-6.31	-1.91	6.60	73	5450	-6.56	-1.76	6.79	75
3475	-6.76	1.16	6.86	100	4475	-6.41	-1.82	6.67	74	5475	-6.33	-1.43	6.49	77
3500	-6.89	0.79	6.94	96	4500	-6.65	-1.67	6.86	76	5500	-5.97	-1.05	6.06	80
3525	-7.04	0.64	7.07	95	4525	-6.36	-1.56	6.55	76	5525	-5.57	-0.94	5.65	80
3550	-7.14	0.47	7.15	94	4550	-5.75	-1.50	5.94	75	5550	-5.38	-1.19	5.51	77
3575	-7.19	0.26	7.19	92	4575	-5.37	-1.41	5.55	75	5575	-5.34	-1.52	5.55	74
3600	-7.18	0.29	7.18	92	4600	-5.18	-1.36	5.36	75	5600	-5.21	-1.79	5.51	71
3625	-7.00	0.39	7.01	93	4625	-5.00	-1.44	5.20	74	5625	-5.07	-2.06	5.48	68
3650	-6.59	0.31	6.60	93	4650	-4.80	-1.77	5.12	70	5650	-4.86	-2.17	5.32	66
3675	-6.52	0.26	6.52	92	4675	-4.73	-2.28	5.25	64	5675	-4.69	-2.23	5.19	64
3700	-6.66	0.36	6.67	93	4700	-4.79	-2.65	5.47	61	5700	-4.49	-2.43	5.10	61
3725	-6.59	0.56	6.61	95	4725	-5.27	-2.69	5.92	63	5725	-4.07	-2.59	4.82	57
3750	-6.55	0.72	6.59	96	4750	-5.66	-2.78	6.30	64	5750	-3.43	-2.72	4.38	51
3775	-6.46	1.04	6.55	99	4775	-5.55	-3.02	6.32	61	5775	-2.88	-2.85	4.06	45
3800	-6.27	1.24	6.39	101	4800	-5.74	-3.08	6.52	62	5800	-2.62	-2.73	3.78	44
3825	-6.12	1.12	6.22	100	4825	-6.07	-3.16	6.84	62	5825	-2.25	-2.49	3.36	42
3850	-6.16	0.92	6.23	98	4850	-6.00	-3.20	6.80	62	5850	-1.67	-2.51	3.02	33
3875	-6.19	0.77	6.24	97	4875	-5.71	-3.06	6.48	62	5875	-1.18	-2.68	2.93	24
3900	-6.00	0.68	6.04	96	4900	-5.83	-3.00	6.56	63	5900	-0.91	-2.65	2.80	19
3925	-5.79	0.43	5.81	94	4925	-5.96	-2.91	6.63	64	5925	-0.57	-2.57	2.64	12
3950	-5.67	0.08	5.67	91	4950	-5.95	-2.88	6.61	64	5950	-0.16	-2.67	2.68	3
3975	-5.37	-0.02	5.37	90	4975	-5.99	-3.07	6.73	63	5975	0.10	-2.66	2.66	358
4000	-4.94	-0.16	4.94	88	5000	-6.20	-3.13	6.94	63	6000	0.22	-2.69	2.70	355
4025	-4.78	-0.66	4.82	82	5025	-6.39	-2.87	7.01	66	6025	0.29	-2.96	2.97	354
4050	-4.81	-1.05	4.92	78	5050	-6.49	-2.70	7.03	67	6050	0.40	-3.44	3.46	353
4075	-4.75	-1.23	4.91	75	5075	-6.57	-2.76	7.13	67	6075	0.45	-4.17	4.19	354
4100	-4.70	-1.46	4.92	73	5100	-6.74	-2.74	7.27	68	6100	0.39	-5.03	5.05	355
4125	-4.78	-1.71	5.08	70	5125	-6.94	-2.60	7.41	69	6125	0.47	-6.01	6.03	355
4150	-4.73	-1.83	5.08	69	5150	-7.03	-2.55	7.48	70	6150	0.61	-6.82	6.84	355
4175	-4.52	-1.92	4.91	67	5175	-7.19	-2.55	7.63	70	6175	0.80	-6.98	7.02	353
4200	-4.45	-2.11	4.92	64	5200	-7.42	-2.47	7.82	71	6200	1.20	-6.70	6.81	350
4225	-4.59	-2.37	5.17	62	5225	-7.44	-2.33	7.80	72	6225	1.60	-6.39	6.59	346
4250	-4.72	-2.60	5.39	61	5250	-7.21	-2.20	7.53	73	6250	1.89	-6.16	6.44	343
4275	-4.76	-2.79	5.52	59	5275	-6.88	-1.98	7.16	74	6275	2.04	-6.04	6.37	341
4300	-5.01	-2.90	5.79	60	5300	-6.75	-1.77	6.98	75	6300	2.21	-5.80	6.21	339
4325	-5.50	-2.77	6.15	63	5325	-6.86	-1.74	7.07	76	6325	2.55	-5.39	5.96	334
4350	-5.76	-2.59	6.32	66	5350	-6.88	-1.71	7.09	76	6350	2.73	-5.32	5.98	333

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-103 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2804 05/04/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6375	2.70	-5.61	6.23	334	7375	3.11	-4.55	5.51	325	8375	4.47	-7.26	8.53	328
6400	2.66	-5.80	6.38	335	7400	3.09	-4.58	5.53	326	8400	4.32	-7.12	8.33	329
6425	2.54	-5.89	6.41	336	7425	3.19	-4.51	5.53	324	8425	4.43	-7.27	8.51	328
6450	2.40	-5.98	6.45	338	7450	3.29	-4.42	5.51	323	8450	4.54	-7.53	8.79	329
6475	2.31	-5.98	6.41	339	7475	3.38	-4.34	5.50	322	8475	4.45	-7.34	8.58	329
6500	2.31	-5.85	6.29	338	7500	3.43	-4.25	5.46	321	8500	4.31	-6.98	8.20	328
6525	2.47	-5.62	6.14	336	7525	3.17	-4.13	5.21	322	8525	4.18	-6.82	8.00	328
6550	2.54	-5.45	6.01	335	7550	2.82	-4.21	5.07	326	8550	4.16	-6.81	7.98	328
6575	2.54	-5.38	5.95	335	7575	2.76	-4.83	5.57	330	8575	4.09	-6.82	7.95	329
6600	2.53	-5.31	5.88	334	7600	2.85	-5.48	6.18	332	8600	4.07	-6.63	7.78	328
6625	2.45	-5.28	5.83	335	7625	2.99	-5.94	6.65	333	8625	4.07	-6.51	7.68	328
6650	2.44	-5.26	5.80	335	7650	3.07	-6.28	6.99	334	8650	4.10	-6.45	7.65	327
6675	2.47	-5.21	5.76	334	7675	3.12	-6.22	6.96	333	8675	4.15	-6.33	7.57	327
6700	2.42	-5.12	5.66	335	7700	3.34	-5.87	6.76	330	8700	4.15	-6.31	7.55	326
6725	2.37	-5.08	5.61	335	7725	3.43	-5.49	6.47	328	8725	4.23	-6.14	7.45	325
6750	2.51	-5.08	5.66	334	7750	3.46	-5.30	6.33	327	8750	4.01	-6.04	7.25	326
6775	2.48	-5.04	5.61	334	7775	3.45	-5.18	6.22	326	8775	3.85	-6.00	7.13	327
6800	2.49	-4.88	5.48	333	7800	3.31	-5.19	6.15	327	8800	3.87	-5.94	7.09	327
6825	2.71	-4.64	5.37	330	7825	3.20	-5.34	6.23	329	8825	3.66	-6.38	7.35	330
6850	2.90	-4.36	5.24	326	7850	3.09	-5.45	6.27	330	8850	3.68	-7.81	8.64	335
6875	3.09	-4.14	5.17	323	7875	3.26	-5.30	6.22	328	8875	4.49	-10.70	11.60	337
6900	3.09	-4.07	5.11	323	7900	3.57	-5.10	6.23	325	8900	4.55	-11.79	12.64	339
6925	3.07	-4.09	5.11	323	7925	3.81	-5.07	6.35	323	8925	3.80	-10.14	10.83	339
6950	3.00	-4.16	5.12	324	7950	4.35	-5.09	6.70	319	8950	3.85	-9.83	10.56	338
6975	2.80	-4.29	5.12	327	7975	4.83	-5.16	7.07	317	8975	4.35	-10.12	11.02	337
7000	2.66	-4.54	5.26	329	8000	5.02	-5.26	7.27	316	9000	4.72	-10.27	11.30	335
7025	2.59	-4.82	5.47	332	8025	5.16	-5.65	7.65	317	9025	4.72	-10.25	11.28	335
7050	2.46	-5.27	5.81	335	8050	5.28	-5.97	7.97	318	9050	4.78	-10.12	11.20	335
7075	2.39	-5.55	6.04	336	8075	5.31	-6.05	8.04	319	9075	5.13	-10.00	11.24	333
7100	2.48	-5.38	5.93	335	8100	5.42	-6.03	8.11	318	9100	5.57	-9.90	11.36	330
7125	2.62	-5.10	5.73	333	8125	5.58	-6.02	8.20	317	9125	5.92	-9.75	11.41	329
7150	2.71	-4.82	5.53	330	8150	5.73	-6.05	8.33	316	9150	6.12	-9.57	11.36	327
7175	2.77	-4.59	5.36	329	8175	5.85	-6.18	8.51	316	9175	6.34	-9.48	11.41	326
7200	2.85	-4.41	5.25	327	8200	5.82	-6.43	8.67	318	9200	6.99	-9.68	11.94	324
7225	2.93	-4.20	5.12	325	8225	5.85	-6.70	8.89	319	9225	7.86	-10.29	12.95	322
7250	3.07	-4.00	5.04	322	8250	5.83	-7.05	9.15	320	9250	8.60	-10.98	13.95	322
7275	3.22	-3.81	4.99	320	8275	5.44	-7.24	9.06	323	9275	9.14	-11.58	14.75	322
7300	3.31	-3.89	5.11	319	8300	4.84	-7.32	8.77	326	9300	9.57	-12.32	15.60	322
7325	3.26	-4.15	5.27	322	8325	4.59	-7.23	8.57	327	9325	10.27	-13.23	16.74	322
7350	3.19	-4.41	5.44	324	8350	4.55	-7.22	8.54	328	9350	11.80	-15.45	19.44	322

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2804 05/04/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9375	13.42	-18.27	22.67	324	10375	15.77	-20.82	26.11	323	11375	18.93	-19.71	27.33	316
9400	12.36	-17.12	21.11	324	10400	15.72	-21.05	26.27	323	11400	18.88	-19.89	27.43	316
9425	11.23	-15.54	19.18	324	10425	15.67	-21.37	26.49	324	11425	18.92	-20.01	27.53	316
9450	11.33	-15.57	19.26	324	10450	15.70	-21.54	26.66	324	11450	18.95	-20.07	27.60	316
9475	11.54	-15.70	19.48	323	10475	15.82	-21.40	26.61	323	11475	18.81	-20.02	27.47	317
9500	11.80	-15.97	19.85	323	10500	15.94	-21.10	26.45	323	11500	18.67	-20.00	27.36	317
9525	12.22	-16.22	20.31	323	10525	16.03	-20.97	26.40	322	11525	18.65	-20.11	27.43	317
9550	12.76	-16.33	20.72	322	10550	16.00	-21.07	26.45	323	11550	18.76	-20.43	27.73	317
9575	12.91	-16.38	20.86	322	10575	15.89	-21.28	26.55	323	11575	18.62	-20.54	27.73	318
9600	12.79	-16.36	20.77	322	10600	15.97	-21.36	26.67	323	11600	18.38	-20.46	27.51	318
9625	12.68	-16.40	20.73	322	10625	16.26	-21.33	26.82	322	11625	18.31	-20.58	27.54	318
9650	12.50	-16.31	20.55	322	10650	16.69	-21.40	27.14	322	11650	18.16	-20.48	27.37	318
9675	12.50	-16.20	20.46	322	10675	16.90	-21.50	27.35	322	11675	18.19	-20.52	27.42	318
9700	12.39	-16.25	20.44	322	10700	16.69	-21.13	26.92	321	11700	18.52	-20.68	27.76	318
9725	12.07	-16.38	20.35	323	10725	16.55	-20.75	26.54	321	11725	18.77	-20.97	28.14	318
9750	11.88	-16.66	20.46	324	10750	16.61	-20.81	26.62	321	11750	18.91	-21.31	28.49	318
9775	12.04	-16.90	20.75	324	10775	16.61	-20.73	26.57	321	11775	18.75	-21.36	28.42	319
9800	12.34	-17.11	21.10	324	10800	16.73	-20.64	26.57	321	11800	18.41	-21.59	28.38	319
9825	12.61	-17.43	21.51	324	10825	16.99	-20.57	26.67	320	11825	18.07	-21.85	28.35	320
9850	12.79	-17.93	22.02	324	10850	17.13	-20.39	26.63	320	11850	17.82	-22.01	28.32	321
9875	12.90	-18.35	22.43	325	10875	17.11	-20.21	26.48	320	11875	18.02	-22.10	28.52	321
9900	13.12	-18.49	22.68	324	10900	17.20	-20.11	26.47	319	11900	18.76	-22.21	29.08	320
9925	13.37	-18.51	22.84	324	10925	17.52	-20.10	26.67	319	11925	19.55	-22.28	29.65	319
9950	13.70	-18.55	23.06	323	10950	17.83	-20.06	26.84	318	11950	20.08	-22.30	30.01	318
9975	13.95	-18.60	23.25	323	10975	18.01	-19.92	26.86	318	11975	20.81	-22.34	30.53	317
10000	14.24	-18.69	23.50	323	11000	18.02	-19.69	26.69	317	12000	21.47	-22.60	31.17	316
10025	14.66	-18.78	23.83	322	11025	18.06	-19.48	26.56	317	12025	21.80	-22.93	31.64	316
10050	14.92	-19.03	24.19	322	11050	18.91	-20.16	27.65	317	12050	21.90	-23.04	31.78	316
10075	14.98	-19.11	24.28	322	11075	19.06	-20.34	27.87	317	12075	21.94	-23.47	32.13	317
10100	15.01	-18.82	24.07	321	11100	18.35	-19.86	27.04	317	12100	22.03	-24.06	32.62	317
10125	15.09	-18.66	24.00	321	11125	18.31	-19.70	26.90	317	12125	22.27	-24.17	32.86	317
10150	15.11	-18.65	24.00	321	11150	18.60	-19.49	26.94	316	12150	22.19	-24.01	32.70	317
10175	15.28	-18.83	24.25	321	11175	18.82	-19.43	27.05	316	12175	22.06	-23.95	32.56	317
10200	15.69	-19.30	24.88	321	11200	18.86	-19.28	26.97	315	12200	22.33	-24.13	32.88	317
10225	15.98	-19.37	25.11	320	11225	18.98	-19.30	27.07	315	12225	22.38	-24.16	32.93	317
10250	15.90	-19.23	24.95	320	11250	18.97	-19.25	27.02	315	12250	22.18	-23.99	32.68	317
10275	15.88	-19.49	25.14	321	11275	19.01	-19.24	27.04	315	12275	22.11	-23.93	32.58	317
10300	15.89	-19.68	25.29	321	11300	19.11	-19.28	27.15	315	12300	22.29	-23.93	32.71	317
10325	15.79	-19.95	25.44	321	11325	19.09	-19.32	27.16	315	12325	22.86	-23.84	33.03	316
10350	15.78	-20.47	25.85	322	11350	19.01	-19.51	27.24	316	12350	23.38	-23.61	33.23	315

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2804 05/04/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12375	23.52	-23.46	33.22	315	13375	20.30	-26.98	33.77	323	14375	26.89	-17.09	31.86	302
12400	23.50	-23.38	33.15	315	13400	19.91	-26.57	33.20	323	14400	26.36	-18.15	32.01	304
12425	23.55	-23.39	33.19	315	13425	19.68	-26.46	32.98	323	14425	25.65	-19.23	32.06	307
12450	23.62	-23.66	33.44	315	13450	19.63	-26.12	32.67	323	14450	24.36	-19.68	31.32	309
12475	23.48	-23.85	33.47	315	13475	19.47	-25.89	32.39	323	14475	23.31	-19.04	30.09	309
12500	23.19	-23.25	32.83	315	13500	19.49	-25.50	32.09	322	14500	23.41	-17.83	29.43	307
12525	23.07	-22.35	32.12	314	13525	19.53	-25.08	31.79	322	14525	23.58	-17.37	29.29	306
12550	22.74	-22.15	31.74	314	13550	19.67	-24.45	31.38	321	14550	23.66	-16.91	29.08	305
12575	22.17	-22.49	31.58	315	13575	19.64	-23.76	30.83	320	14575	23.99	-15.81	28.73	303
12600	21.93	-22.83	31.66	316	13600	19.04	-23.38	30.16	321	14600	23.40	-15.54	28.09	303
12625	21.79	-23.21	31.83	317	13625	18.81	-23.14	29.83	321	14625	22.28	-15.79	27.30	305
12650	21.76	-23.92	32.34	317	13650	18.74	-22.87	29.57	320	14650	21.39	-15.99	26.70	307
12675	21.77	-24.59	32.84	318	13675	18.53	-22.48	29.14	320	14675	20.60	-16.25	26.24	308
12700	21.62	-24.87	32.95	319	13700	18.50	-21.71	28.52	319	14700	19.84	-16.40	25.75	309
12725	21.51	-25.12	33.07	319	13725	18.90	-21.27	28.45	318	14725	19.02	-16.77	25.36	311
12750	21.52	-25.53	33.39	320	13750	19.12	-21.27	28.60	318	14750	18.28	-16.92	24.91	313
12775	21.61	-26.04	33.84	320	13775	19.27	-20.67	28.25	317	14775	17.84	-16.60	24.37	313
12800	21.62	-26.56	34.24	321	13800	19.59	-19.85	27.88	315	14800	17.36	-16.45	23.92	313
12825	21.99	-27.04	34.85	321	13825	19.53	-19.37	27.50	315	14825	17.06	-16.26	23.57	313
12850	22.27	-27.68	35.52	321	13850	19.65	-18.81	27.20	314	14850	16.71	-16.31	23.35	314
12875	22.35	-28.18	35.97	321	13875	20.13	-18.34	27.23	312	14875	15.96	-16.66	23.07	316
12900	22.46	-28.41	36.21	321	13900	20.65	-18.33	27.62	311	14900	15.49	-16.64	22.73	317
12925	22.04	-28.84	36.30	322	13925	21.16	-18.15	27.88	310	14925	15.52	-16.52	22.66	317
12950	21.48	-29.28	36.32	324	13950	21.74	-17.45	27.88	309	14950	15.72	-16.62	22.88	316
12975	21.24	-29.50	36.35	324	13975	22.50	-16.33	27.80	306	14975	15.36	-17.18	23.04	318
13000	21.33	-29.62	36.50	324	14000	23.05	-16.11	28.13	305	15000	14.94	-17.58	23.07	319
13025	21.63	-30.04	37.02	324	14025	23.48	-16.66	28.80	305	15025	14.63	-17.78	23.02	320
13050	22.01	-30.56	37.66	324	14050	23.93	-17.00	29.36	305	15050	14.38	-17.92	22.98	321
13075	22.42	-30.68	38.00	324	14075	24.43	-16.87	29.69	304	15075	14.34	-18.01	23.02	321
13100	22.63	-30.78	38.21	323	14100	24.70	-16.35	29.62	303	15100	13.71	-18.50	23.03	323
13125	22.66	-31.03	38.43	324	14125	24.94	-16.25	29.77	303	15125	12.95	-18.85	22.87	325
13150	22.64	-31.23	38.58	324	14150	25.61	-16.42	30.42	302	15150	12.57	-18.90	22.70	326
13175	22.73	-31.14	38.55	324	14175	26.03	-16.63	30.89	302	15175	12.40	-18.72	22.46	326
13200	22.34	-30.73	38.00	324	14200	26.42	-17.07	31.45	303	15200	12.25	-18.22	21.95	326
13225	21.84	-30.22	37.36	324	14225	26.69	-17.50	31.97	303	15225	11.93	-17.77	21.40	327
13250	21.85	-29.98	37.10	324	14250	26.27	-17.85	31.76	304	15250	11.15	-17.39	20.65	327
13275	21.35	-29.89	36.73	324	14275	25.92	-17.63	31.34	304	15275	11.10	-17.43	20.67	327
13300	21.20	-29.56	36.38	324	14300	26.04	-17.03	31.11	303	15300	10.65	-17.35	20.36	328
13325	21.09	-29.08	35.92	324	14325	26.35	-16.68	31.18	302	15325	10.35	-16.61	19.57	328
13350	20.70	-28.15	34.94	323	14350	26.85	-16.74	31.64	302	15350	10.05	-16.15	19.02	328

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2804 05/04/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15375	9.66	-16.19	18.85	329	16375	17.69	-15.68	23.64	311					
15400	9.50	-15.56	18.23	328	16400	17.26	-15.89	23.46	312					
15425	9.47	-14.81	17.59	327	16425	16.29	-16.59	23.25	315					
15450	9.88	-14.85	17.84	326	16450	15.77	-16.72	22.98	316					
15475	10.48	-14.91	18.22	325	16475	15.27	-16.46	22.46	317					
15500	10.80	-14.74	18.27	324	16500	14.35	-16.87	22.15	319					
15525	11.15	-14.54	18.32	322	16525	13.50	-17.03	21.73	321					
15550	11.84	-14.55	18.75	321	16550	12.54	-16.84	21.00	323					
15575	12.69	-14.46	19.24	319	16575	12.03	-16.69	20.57	324					
15600	13.20	-14.02	19.26	317	16600	11.24	-16.61	20.06	326					
15625	13.88	-13.19	19.15	313	16625	10.30	-16.57	19.51	328					
15650	14.51	-12.63	19.24	311	16650	9.58	-16.15	18.78	329					
15675	15.17	-12.01	19.35	308	16675	9.19	-15.55	18.06	329					
15700	15.60	-11.36	19.30	306	16700	8.70	-15.30	17.60	330					
15725	16.33	-11.16	19.78	304	16725	8.54	-14.76	17.06	330					
15750	17.20	-11.12	20.48	303	16750	8.30	-14.17	16.43	329					
15775	17.61	-10.93	20.73	302	16775	7.91	-13.79	15.90	330					
15800	18.05	-10.72	20.99	300	16800	8.03	-12.77	15.08	328					
15825	18.62	-10.50	21.38	299	16825	7.72	-12.12	14.37	327					
15850	19.48	-10.21	22.00	297	16850	7.41	-12.26	14.33	329					
15875	20.44	-9.90	22.71	296	16875	7.61	-11.91	14.14	327					
15900	21.35	-9.58	23.40	294	16900	7.31	-11.22	13.39	327					
15925	21.74	-9.49	23.72	293	16925	7.08	-10.80	12.91	327					
15950	22.37	-9.50	24.30	293	16950	7.40	-10.17	12.57	324					
15975	22.95	-9.75	24.94	293	16975	7.33	-9.85	12.28	323					
16000	23.54	-9.78	25.49	292	17000	7.32	-9.53	12.01	322					
16025	23.98	-9.95	25.96	292	17025	7.70	-8.35	11.35	317					
16050	24.20	-10.02	26.19	292	17050	8.31	-7.53	11.21	312					
16075	24.57	-9.71	26.42	291	17075	8.61	-6.89	11.03	308					
16100	24.86	-10.35	26.93	292	17100	9.11	-6.23	11.04	304					
16125	24.58	-11.22	27.02	294	17125	9.95	-5.59	11.41	299					
16150	24.19	-11.51	26.78	295	17150	10.71	-5.13	11.87	295					
16175	24.20	-11.85	26.95	296										
16200	23.80	-12.20	26.75	297										
16225	22.79	-12.94	26.21	299										
16250	22.11	-13.29	25.80	301										
16275	21.04	-13.76	25.14	303										
16300	19.62	-14.86	24.61	307										
16325	19.18	-15.25	24.50	308										
16350	18.61	-15.42	24.16	309										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-104

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2805 05/05/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
250	-4.22	-0.17	4.22	88	1250	-2.98	3.92	4.92	143	2250	-6.25	-1.87	6.53	73
275	-4.45	-0.12	4.45	88	1275	-2.96	4.34	5.25	146	2275	-6.26	-2.00	6.57	72
300	-4.63	0.02	4.63	90	1300	-3.03	4.79	5.67	147	2300	-6.26	-2.14	6.62	71
325	-4.68	0.21	4.69	92	1325	-2.94	5.12	5.90	150	2325	-6.26	-2.28	6.67	70
350	-4.83	0.35	4.84	94	1350	-2.93	5.42	6.16	151	2350	-6.27	-2.41	6.72	69
375	-4.95	0.35	4.96	94	1375	-3.03	5.44	6.22	151	2375	-6.27	-2.36	6.70	69
400	-5.06	0.42	5.07	95	1400	-3.10	5.01	5.89	148	2400	-6.34	-2.16	6.70	71
425	-5.16	0.48	5.18	95	1425	-3.01	4.62	5.51	147	2425	-6.54	-1.91	6.81	73
450	-5.18	0.47	5.20	95	1450	-3.04	4.22	5.20	144	2450	-6.80	-1.68	7.01	76
475	-5.05	0.42	5.07	95	1475	-3.35	3.65	4.95	137	2475	-7.09	-1.42	7.23	78
500	-5.13	0.48	5.15	95	1500	-3.81	2.90	4.79	127	2500	-7.33	-1.21	7.43	80
525	-5.44	0.55	5.46	96	1525	-4.28	2.21	4.81	117	2525	-7.40	-0.95	7.46	83
550	-4.54	-0.00	4.54	90	1550	-4.86	1.71	5.16	109	2550	-7.30	-0.67	7.33	85
575	-3.91	-0.37	3.92	84	1575	-5.47	1.56	5.69	106	2575	-7.10	-0.74	7.14	84
600	-4.87	0.18	4.87	92	1600	-5.74	1.42	5.92	104	2600	-6.96	-0.97	7.03	82
625	-5.13	0.52	5.15	96	1625	-5.88	1.38	6.04	103	2625	-7.00	-0.75	7.04	84
650	-5.02	0.69	5.07	98	1650	-5.98	1.44	6.15	103	2650	-7.26	-0.23	7.27	88
675	-4.96	0.84	5.03	99	1675	-6.11	1.25	6.24	101	2675	-7.32	0.08	7.32	90
700	-4.85	0.88	4.93	100	1700	-6.19	1.14	6.29	100	2700	-7.46	0.44	7.48	93
725	-4.71	0.76	4.77	99	1725	-6.19	1.00	6.27	99	2725	-7.88	0.66	7.91	95
750	-4.64	0.71	4.69	99	1750	-6.20	0.87	6.26	98	2750	-7.74	0.91	7.80	97
775	-4.68	0.74	4.74	99	1775	-6.20	0.73	6.24	97	2775	-7.20	1.16	7.29	99
800	-4.73	0.70	4.79	98	1800	-6.20	0.59	6.23	95	2800	-6.54	1.06	6.63	99
825	-4.83	0.74	4.89	99	1825	-6.20	0.46	6.22	94	2825	-5.90	0.93	5.98	99
850	-4.88	0.77	4.94	99	1850	-6.21	0.32	6.22	93	2850	-5.40	0.87	5.47	99
875	-4.72	0.85	4.80	100	1875	-6.21	0.18	6.21	91	2875	-4.81	0.70	4.86	98
900	-4.48	0.97	4.59	102	1900	-6.21	0.05	6.21	90	2900	-4.61	0.27	4.62	93
925	-4.14	0.99	4.26	103	1925	-6.22	-0.09	6.22	89	2925	-4.73	-0.26	4.74	87
950	-3.74	1.00	3.87	105	1950	-6.22	-0.23	6.22	88	2950	-4.88	-0.26	4.89	87
975	-3.40	1.05	3.56	107	1975	-6.22	-0.36	6.23	86	2975	-5.41	-0.15	5.41	88
1000	-3.16	1.19	3.38	110	2000	-6.23	-0.50	6.25	85	3000	-5.89	-0.22	5.90	88
1025	-2.95	1.35	3.25	114	2025	-6.23	-0.64	6.26	84	3025	-6.10	-0.32	6.11	87
1050	-2.77	1.51	3.15	118	2050	-6.23	-0.77	6.28	83	3050	-6.16	-0.36	6.17	86
1075	-2.63	1.87	3.23	125	2075	-6.23	-0.91	6.30	81	3075	-6.13	-0.11	6.13	89
1100	-2.46	2.41	3.44	134	2100	-6.24	-1.05	6.32	80	3100	-6.13	0.32	6.14	93
1125	-2.33	2.84	3.67	140	2125	-6.24	-1.18	6.35	79	3125	-6.19	0.59	6.22	95
1150	-2.57	3.08	4.01	140	2150	-6.24	-1.32	6.38	78	3150	-6.31	0.87	6.37	98
1175	-2.90	3.13	4.26	137	2175	-6.25	-1.46	6.41	77	3175	-6.16	0.95	6.24	99
1200	-2.98	3.20	4.37	137	2200	-6.25	-1.59	6.45	75	3200	-5.80	0.85	5.86	98
1225	-3.05	3.52	4.65	139	2225	-6.25	-1.73	6.49	74	3225	-5.49	0.80	5.55	98

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2805 05/05/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3250	-5.40	0.63	5.44	96	4250	-1.40	-5.29	5.47	15	5250	-2.21	-3.44	4.09	33
3275	-5.47	0.26	5.47	93	4275	-1.25	-4.85	5.00	14	5275	-2.12	-3.19	3.83	33
3300	-5.43	-0.18	5.43	88	4300	-1.25	-4.44	4.61	16	5300	-2.12	-3.08	3.74	34
3325	-5.22	-0.54	5.25	84	4325	-1.51	-3.99	4.26	21	5325	-2.08	-3.06	3.70	34
3350	-4.94	-0.93	5.03	79	4350	-1.97	-3.62	4.12	28	5350	-1.74	-3.19	3.64	28
3375	-4.77	-1.25	4.93	75	4375	-2.17	-3.36	4.00	33	5375	-1.39	-3.37	3.65	22
3400	-4.64	-1.46	4.87	72	4400	-2.06	-3.38	3.96	31	5400	-1.13	-3.58	3.76	17
3425	-4.39	-1.54	4.65	70	4425	-1.94	-3.64	4.13	28	5425	-0.99	-3.99	4.11	14
3450	-4.09	-1.52	4.36	69	4450	-1.88	-3.97	4.40	25	5450	-0.92	-4.26	4.35	12
3475	-3.89	-1.48	4.16	69	4475	-1.86	-4.09	4.49	24	5475	-0.82	-4.40	4.48	10
3500	-3.79	-1.49	4.07	68	4500	-2.08	-3.90	4.42	28	5500	-0.81	-4.61	4.69	10
3525	-3.61	-1.49	3.91	67	4525	-2.54	-3.78	4.55	34	5525	-0.87	-4.54	4.62	11
3550	-3.36	-1.40	3.64	67	4550	-2.89	-3.85	4.81	37	5550	-0.93	-4.30	4.40	12
3575	-3.13	-1.38	3.42	66	4575	-2.98	-3.95	4.95	37	5575	-0.98	-4.13	4.25	13
3600	-2.95	-1.55	3.33	62	4600	-2.91	-3.91	4.88	36	5600	-0.99	-4.02	4.14	14
3625	-2.69	-1.68	3.17	58	4625	-2.84	-3.86	4.80	36	5625	-1.07	-4.01	4.15	15
3650	-2.43	-1.70	2.97	55	4650	-2.82	-3.94	4.84	35	5650	-1.02	-4.02	4.15	14
3675	-2.15	-1.52	2.63	54	4675	-2.85	-4.12	5.01	34	5675	-0.72	-3.98	4.05	10
3700	-1.82	-1.51	2.36	50	4700	-2.98	-4.33	5.25	34	5700	-0.47	-3.94	3.97	7
3725	-1.73	-2.01	2.66	41	4725	-3.12	-4.41	5.40	35	5725	-0.39	-3.91	3.93	6
3750	-1.89	-2.59	3.20	36	4750	-3.23	-4.49	5.53	36	5750	-0.41	-3.87	3.89	6
3775	-2.17	-3.06	3.75	35	4775	-3.26	-4.61	5.65	35	5775	-0.31	-3.68	3.70	5
3800	-2.25	-3.42	4.10	33	4800	-3.24	-4.69	5.70	34	5800	-0.02	-3.64	3.64	0
3825	-2.07	-3.73	4.26	29	4825	-3.26	-4.71	5.73	34	5825	0.40	-3.89	3.91	354
3850	-2.10	-3.97	4.50	28	4850	-3.23	-4.85	5.83	33	5850	0.79	-4.11	4.18	349
3875	-2.19	-4.10	4.65	28	4875	-3.08	-5.02	5.89	31	5875	1.20	-4.34	4.51	344
3900	-2.24	-4.28	4.83	27	4900	-2.76	-5.14	5.83	28	5900	1.48	-4.57	4.80	342
3925	-2.41	-4.46	5.07	28	4925	-2.44	-5.40	5.93	24	5925	1.53	-4.57	4.82	341
3950	-2.67	-4.72	5.43	29	4950	-2.28	-5.64	6.08	22	5950	1.40	-4.53	4.74	343
3975	-2.86	-4.94	5.71	30	4975	-2.37	-5.77	6.24	22	5975	1.23	-4.56	4.72	345
4000	-2.96	-5.06	5.86	30	5000	-2.72	-5.80	6.40	25	6000	1.19	-4.58	4.73	345
4025	-2.79	-5.28	5.97	28	5025	-2.91	-5.73	6.43	27	6025	1.25	-4.68	4.84	345
4050	-2.34	-5.41	5.89	23	5050	-2.89	-5.48	6.20	28	6050	1.24	-4.73	4.89	345
4075	-1.89	-5.58	5.89	18	5075	-3.00	-5.21	6.01	30	6075	1.23	-4.77	4.93	345
4100	-1.69	-5.71	5.96	16	5100	-3.09	-4.99	5.88	32	6100	1.27	-4.92	5.08	345
4125	-1.55	-5.83	6.03	15	5125	-3.14	-4.84	5.77	33	6125	1.26	-5.06	5.21	346
4150	-1.38	-5.99	6.15	13	5150	-3.24	-4.71	5.71	34	6150	1.19	-5.06	5.20	347
4175	-1.28	-6.06	6.19	12	5175	-2.99	-4.34	5.27	34	6175	1.01	-4.99	5.09	348
4200	-1.11	-6.01	6.11	10	5200	-2.61	-3.88	4.68	34	6200	0.90	-4.87	4.95	349
4225	-1.28	-5.76	5.90	12	5225	-2.37	-3.64	4.35	33	6225	1.07	-4.63	4.75	347

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2805 05/05/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6250	1.32	-4.53	4.72	344	7250	3.90	-10.50	11.20	339	8250	6.53	-17.18	18.38	339
6275	1.29	-4.42	4.60	344	7275	3.85	-10.46	11.15	340	8275	6.85	-17.22	18.54	338
6300	1.25	-4.22	4.40	343	7300	3.72	-10.31	10.96	340	8300	7.07	-17.27	18.66	338
6325	1.32	-4.10	4.31	342	7325	3.53	-10.32	10.90	341	8325	7.23	-17.27	18.72	337
6350	1.25	-4.12	4.31	343	7350	3.27	-10.40	10.90	342	8350	7.43	-17.37	18.89	337
6375	1.22	-4.03	4.21	343	7375	3.09	-10.32	10.77	343	8375	7.48	-17.63	19.16	337
6400	1.31	-3.79	4.01	341	7400	2.82	-10.35	10.72	345	8400	7.61	-17.95	19.49	337
6425	1.33	-3.88	4.10	341	7425	2.70	-10.63	10.97	346	8425	7.65	-18.34	19.87	337
6450	1.29	-4.22	4.41	343	7450	2.84	-10.88	11.25	345	8450	7.65	-18.94	20.42	338
6475	1.50	-4.61	4.85	342	7475	2.87	-11.08	11.44	345	8475	7.73	-19.26	20.75	338
6500	1.98	-4.90	5.29	338	7500	2.95	-11.31	11.69	345	8500	7.66	-19.21	20.68	338
6525	2.42	-4.98	5.53	334	7525	3.14	-11.61	12.02	345	8525	7.62	-19.26	20.71	338
6550	2.67	-4.96	5.63	331	7550	3.40	-11.70	12.19	344	8550	7.90	-19.63	21.16	338
6575	2.84	-5.18	5.91	331	7575	3.62	-11.87	12.41	343	8575	8.19	-20.09	21.69	338
6600	3.00	-5.61	6.36	332	7600	3.89	-12.03	12.64	342	8600	8.27	-20.38	21.99	338
6625	2.96	-6.00	6.69	333	7625	4.24	-12.14	12.86	341	8625	8.48	-20.44	22.13	337
6650	2.81	-5.89	6.53	334	7650	4.79	-12.39	13.29	339	8650	8.70	-20.49	22.26	337
6675	2.55	-5.45	6.02	335	7675	5.12	-12.45	13.46	337	8675	8.91	-20.54	22.39	336
6700	2.46	-5.06	5.63	334	7700	4.87	-12.57	13.48	339	8700	9.12	-20.60	22.53	336
6725	2.51	-5.02	5.62	333	7725	4.89	-12.59	13.51	339	8725	9.34	-20.65	22.67	335
6750	2.39	-5.42	5.92	336	7750	5.49	-12.57	13.71	336	8750	9.55	-20.71	22.80	335
6775	2.33	-6.18	6.61	339	7775	6.00	-12.84	14.17	335	8775	9.76	-20.76	22.94	335
6800	2.59	-7.10	7.56	340	7800	6.05	-13.15	14.47	335	8800	9.98	-20.82	23.08	334
6825	3.02	-7.82	8.38	339	7825	5.93	-13.33	14.59	336	8825	10.19	-20.87	23.23	334
6850	3.41	-8.48	9.14	338	7850	5.79	-13.45	14.64	337	8850	10.41	-20.92	23.37	333
6875	3.86	-9.04	9.83	337	7875	5.58	-13.65	14.75	338	8875	10.62	-20.98	23.51	333
6900	4.22	-9.42	10.33	336	7900	5.56	-13.99	15.05	338	8900	10.83	-21.03	23.66	333
6925	4.27	-9.72	10.61	336	7925	5.78	-14.43	15.54	338	8925	11.05	-21.09	23.80	332
6950	4.09	-9.82	10.64	337	7950	6.20	-14.66	15.92	337	8950	11.26	-21.14	23.95	332
6975	3.90	-9.74	10.49	338	7975	6.60	-14.85	16.25	336	8975	11.47	-21.19	24.10	331
7000	3.88	-9.77	10.51	338	8000	6.62	-15.39	16.75	337	9000	11.69	-21.25	24.25	331
7025	3.74	-9.74	10.44	339	8025	6.27	-15.79	16.99	338	9025	11.90	-21.30	24.40	331
7050	3.57	-9.74	10.38	340	8050	6.08	-16.13	17.24	339	9050	12.11	-21.36	24.55	330
7075	3.67	-9.88	10.55	339	8075	6.09	-16.43	17.54	339	9075	12.30	-21.41	24.69	331
7100	4.06	-9.73	10.54	337	8100	6.17	-16.54	17.65	339	9100	11.43	-22.03	24.81	332
7125	4.38	-10.07	10.98	336	8125	6.16	-16.73	17.83	340	9125	11.56	-21.97	24.83	332
7150	4.22	-10.20	11.04	337	8150	6.07	-16.81	17.87	340	9150	11.97	-21.92	24.97	331
7175	4.01	-10.30	11.05	339	8175	6.19	-16.91	18.00	340	9175	12.51	-22.14	25.43	330
7200	3.98	-10.45	11.19	339	8200	6.35	-17.04	18.19	339	9200	12.86	-22.41	25.84	330
7225	3.96	-10.51	11.23	339	8225	6.41	-17.12	18.27	339	9225	13.40	-22.53	26.22	329

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2805 05/05/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9250	13.97	-22.82	26.76	328	10250	14.42	-26.69	30.34	331	11250	20.95	-28.33	35.23	323
9275	13.80	-23.13	26.93	329	10275	14.61	-26.75	30.48	331	11275	21.20	-28.25	35.31	323
9300	14.05	-23.13	27.07	329	10300	14.79	-26.86	30.66	331	11300	21.49	-28.14	35.41	322
9325	14.55	-22.96	27.18	327	10325	14.58	-26.77	30.48	331	11325	21.59	-28.05	35.39	322
9350	14.82	-22.92	27.30	327	10350	14.64	-26.71	30.46	331	11350	21.67	-27.93	35.35	322
9375	15.33	-22.75	27.44	326	10375	15.04	-26.45	30.43	330	11375	21.63	-27.92	35.31	322
9400	15.80	-22.23	27.27	324	10400	15.53	-26.20	30.46	329	11400	21.40	-28.04	35.27	322
9425	16.21	-21.48	26.91	323	10425	15.80	-26.51	30.86	329	11425	21.68	-27.99	35.40	322
9450	16.45	-21.13	26.77	322	10450	15.80	-26.56	30.91	329	11450	22.15	-27.96	35.67	321
9475	16.43	-21.13	26.77	322	10475	15.97	-26.13	30.62	328	11475	22.51	-28.17	36.06	321
9500	16.52	-20.91	26.65	321	10500	16.11	-25.72	30.35	328	11500	23.05	-28.55	36.70	321
9525	16.66	-20.64	26.52	321	10525	16.35	-25.65	30.42	327	11525	23.50	-29.09	37.40	321
9550	16.77	-20.31	26.34	320	10550	16.57	-25.60	30.50	327	11550	23.91	-29.61	38.06	321
9575	16.95	-20.22	26.38	320	10575	16.78	-25.58	30.59	327	11575	24.50	-30.14	38.84	321
9600	16.95	-20.30	26.45	320	10600	17.03	-25.62	30.77	326	11600	24.71	-30.30	39.09	321
9625	16.93	-20.19	26.35	320	10625	17.28	-25.44	30.75	326	11625	25.02	-30.35	39.33	320
9650	16.81	-20.02	26.14	320	10650	17.66	-25.38	30.92	325	11650	25.55	-30.57	39.84	320
9675	16.61	-20.30	26.23	321	10675	17.85	-25.41	31.06	325	11675	25.25	-30.65	39.71	320
9700	16.48	-20.68	26.44	321	10700	17.86	-25.61	31.22	325	11700	25.00	-30.43	39.38	320
9725	16.40	-21.08	26.71	322	10725	17.85	-25.96	31.50	325	11725	25.42	-30.10	39.39	320
9750	16.26	-21.78	27.18	323	10750	17.65	-26.16	31.56	326	11750	25.58	-30.15	39.54	319
9775	16.17	-22.15	27.42	324	10775	17.51	-26.55	31.80	326	11775	25.67	-30.16	39.60	319
9800	16.17	-22.56	27.76	324	10800	17.55	-26.94	32.16	327	11800	25.63	-29.90	39.38	319
9825	16.04	-22.95	28.00	325	10825	17.66	-27.25	32.47	327	11825	25.61	-29.66	39.19	319
9850	15.94	-23.21	28.16	325	10850	17.75	-27.34	32.59	327	11850	25.82	-29.32	39.07	318
9875	15.80	-23.48	28.30	326	10875	17.94	-27.19	32.58	326	11875	25.73	-28.86	38.66	318
9900	15.56	-23.76	28.40	327	10900	18.31	-27.18	32.78	326	11900	25.70	-28.54	38.41	318
9925	15.49	-24.25	28.78	327	10925	18.64	-27.04	32.84	325	11925	25.75	-28.32	38.28	318
9950	15.52	-25.01	29.44	328	10950	18.82	-27.19	33.07	325	11950	25.84	-28.25	38.29	317
9975	15.32	-25.52	29.77	329	10975	18.99	-27.65	33.54	325	11975	25.96	-28.29	38.39	317
10000	15.16	-25.78	29.91	329	11000	19.26	-27.80	33.82	325	12000	25.98	-28.25	38.38	317
10025	15.05	-25.90	29.96	330	11025	19.75	-27.84	34.13	324	12025	25.88	-28.11	38.21	317
10050	14.79	-25.84	29.77	330	11050	19.90	-27.70	34.10	324	12050	25.80	-27.96	38.05	317
10075	14.49	-26.04	29.80	331	11075	20.04	-27.68	34.18	324	12075	26.13	-27.83	38.18	317
10100	14.22	-26.19	29.80	331	11100	20.42	-27.95	34.61	324	12100	26.43	-27.94	38.46	316
10125	14.22	-26.25	29.85	331	11125	20.23	-27.81	34.39	324	12125	26.41	-27.74	38.30	316
10150	14.31	-26.28	29.93	331	11150	20.22	-27.74	34.33	324	12150	26.88	-28.22	38.97	316
10175	14.32	-26.35	29.99	331	11175	20.63	-27.95	34.74	323	12175	27.63	-28.97	40.03	316
10200	14.44	-26.44	30.12	331	11200	20.80	-28.08	34.94	323	12200	27.15	-27.95	38.97	316
10225	14.45	-26.58	30.25	331	11225	20.86	-28.24	35.11	323	12225	26.54	-27.18	37.99	315

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-104 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2805 05/05/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12250	26.51	-27.25	38.02	316	13250	29.77	-21.77	36.88	306	14250	28.08	-23.09	36.35	309
12275	26.14	-27.23	37.75	316	13275	30.04	-21.45	36.91	305	14275	27.28	-24.12	36.41	311
12300	25.81	-27.20	37.50	316	13300	30.10	-21.50	36.99	305	14300	27.19	-24.94	36.90	312
12325	25.42	-26.95	37.05	316	13325	29.52	-21.51	36.52	306	14325	26.74	-25.74	37.11	314
12350	25.05	-26.79	36.68	317	13350	29.55	-21.05	36.28	305	14350	25.97	-26.35	37.00	315
12375	25.20	-26.78	36.77	317	13375	29.73	-20.63	36.18	305	14375	25.61	-26.45	36.82	316
12400	25.40	-26.78	36.91	316	13400	29.44	-20.59	35.93	305	14400	24.91	-26.55	36.40	317
12425	24.94	-26.96	36.72	317	13425	29.23	-20.49	35.69	305	14425	24.19	-26.86	36.15	318
12450	24.90	-26.82	36.60	317	13450	29.14	-20.20	35.46	305	14450	23.75	-26.90	35.88	318
12475	25.20	-26.56	36.61	316	13475	29.41	-19.95	35.54	304	14475	22.95	-27.03	35.46	319
12500	25.34	-26.44	36.62	316	13500	29.10	-19.94	35.28	304	14500	21.80	-27.07	34.75	321
12525	25.47	-26.21	36.55	316	13525	28.87	-19.61	34.90	304	14525	21.31	-26.91	34.32	321
12550	25.54	-26.02	36.46	315	13550	29.35	-19.25	35.10	303	14550	21.28	-26.79	34.21	321
12575	25.78	-26.01	36.62	315	13575	29.70	-19.03	35.27	302	14575	20.95	-26.50	33.78	321
12600	25.84	-25.78	36.51	315	13600	30.20	-19.11	35.74	302	14600	20.27	-27.03	33.79	323
12625	25.90	-25.74	36.52	315	13625	29.93	-19.53	35.74	303	14625	19.20	-27.79	33.78	325
12650	25.92	-25.82	36.58	315	13650	29.29	-20.01	35.47	304	14650	18.58	-27.35	33.07	326
12675	25.87	-25.74	36.50	315	13675	29.70	-20.41	36.04	304	14675	18.58	-26.87	32.66	325
12700	25.87	-25.80	36.54	315	13700	30.54	-20.52	36.79	304	14700	17.82	-26.73	32.12	326
12725	26.16	-25.62	36.62	314	13725	31.16	-20.82	37.47	304	14725	15.96	-27.07	31.42	329
12750	26.46	-25.32	36.62	314	13750	31.98	-21.17	38.35	303	14750	15.20	-26.80	30.81	330
12775	26.40	-25.03	36.38	313	13775	32.98	-20.95	39.07	302	14775	14.90	-25.97	29.95	330
12800	26.98	-24.51	36.45	312	13800	33.77	-20.46	39.49	301	14800	14.71	-25.81	29.71	330
12825	27.51	-24.08	36.56	311	13825	34.13	-20.31	39.71	301	14825	14.32	-25.63	29.36	331
12850	27.28	-23.85	36.23	311	13850	34.51	-20.41	40.09	300	14850	13.90	-25.01	28.62	331
12875	27.26	-23.55	36.02	311	13875	34.81	-20.96	40.63	301	14875	13.35	-24.15	27.60	331
12900	27.26	-23.61	36.06	311	13900	34.87	-21.05	40.73	301	14900	12.67	-23.11	26.36	331
12925	27.64	-23.57	36.33	310	13925	34.97	-20.14	40.36	300	14925	11.89	-21.91	24.93	331
12950	27.14	-23.62	35.98	311	13950	35.16	-19.83	40.37	299	14950	11.31	-20.83	23.70	331
12975	26.98	-23.84	36.00	311	13975	35.32	-19.58	40.39	299	14975	10.82	-19.89	22.64	331
13000	27.59	-23.71	36.38	310	14000	35.23	-19.21	40.13	298	15000	9.95	-19.70	22.08	333
13025	27.43	-23.51	36.12	310	14025	34.77	-19.04	39.64	299	15025	9.53	-18.89	21.16	333
13050	27.57	-23.30	36.10	310	14050	33.84	-18.77	38.70	299	15050	9.19	-17.77	20.01	332
13075	27.67	-23.27	36.15	310	14075	32.79	-18.77	37.78	300	15075	8.77	-17.20	19.30	333
13100	27.54	-23.00	35.88	310	14100	31.93	-19.20	37.26	301	15100	9.09	-16.61	18.94	331
13125	27.84	-22.61	35.87	309	14125	30.75	-20.01	36.68	303	15125	10.03	-16.06	18.93	328
13150	28.62	-22.41	36.35	308	14150	29.62	-20.57	36.06	305	15150	10.24	-16.10	19.08	327
13175	28.96	-22.40	36.61	308	14175	29.56	-20.94	36.22	305	15175	10.26	-16.01	19.01	327
13200	29.22	-22.39	36.81	307	14200	29.21	-21.68	36.38	306	15200	10.74	-15.39	18.76	325
13225	29.57	-22.15	36.95	307	14225	28.59	-22.37	36.30	308	15225	11.02	-15.16	18.74	324

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2805 05/05/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15250	11.62	-14.81	18.82	322	16250	13.59	-13.04	18.83	314	17250	15.94	-10.90	19.31	304
15275	12.30	-14.39	18.93	319	16275	13.95	-11.81	18.28	310					
15300	12.42	-14.38	19.00	319	16300	13.77	-11.08	17.67	309					
15325	12.61	-14.71	19.38	319	16325	14.46	-10.25	17.73	305					
15350	13.20	-15.00	19.98	318	16350	15.69	-10.40	18.82	303					
15375	13.61	-15.26	20.45	318	16375	15.99	-11.45	19.67	305					
15400	13.80	-15.15	20.49	317	16400	16.20	-12.07	20.20	306					
15425	14.22	-14.76	20.49	316	16425	17.03	-11.75	20.69	304					
15450	14.53	-14.48	20.51	315	16450	18.14	-11.86	21.67	303					
15475	15.88	-13.82	21.05	311	16475	18.60	-12.60	22.47	304					
15500	16.68	-13.71	21.59	309	16500	18.98	-13.39	23.23	305					
15525	16.84	-13.91	21.84	309	16525	19.42	-14.05	23.97	306					
15550	18.52	-13.38	22.84	306	16550	19.41	-14.62	24.30	307					
15575	19.43	-12.84	23.29	303	16575	19.73	-15.58	25.14	308					
15600	19.41	-12.33	22.99	302	16600	20.27	-15.81	25.70	308					
15625	19.84	-12.09	23.23	301	16625	19.77	-16.22	25.57	309					
15650	19.57	-12.59	23.27	303	16650	19.00	-16.98	25.49	312					
15675	18.48	-13.01	22.60	305	16675	17.73	-18.04	25.29	315					
15700	18.19	-13.22	22.49	306	16700	16.46	-18.80	24.99	319					
15725	17.54	-13.50	22.13	307	16725	15.50	-18.70	24.28	320					
15750	17.73	-12.77	21.85	306	16750	14.00	-19.10	23.69	324					
15775	17.83	-12.68	21.89	305	16775	12.55	-19.71	23.37	327					
15800	16.75	-13.55	21.54	309	16800	11.84	-19.56	22.87	329					
15825	16.49	-14.26	21.80	311	16825	11.20	-19.10	22.14	329					
15850	16.39	-14.65	21.98	312	16850	9.87	-18.56	21.02	332					
15875	15.66	-15.20	21.82	314	16875	9.05	-17.86	20.02	333					
15900	15.56	-15.46	21.93	315	16900	8.56	-17.50	19.48	334					
15925	15.92	-15.64	22.32	314	16925	8.84	-17.02	19.18	332					
15950	16.05	-16.01	22.67	315	16950	9.71	-16.66	19.28	330					
15975	15.93	-16.25	22.76	315	16975	9.71	-16.50	19.15	329					
16000	16.44	-16.26	23.12	314	17000	8.99	-15.72	18.11	330					
16025	16.29	-16.90	23.47	316	17025	9.54	-15.00	17.78	327					
16050	15.30	-17.67	23.37	319	17050	10.71	-14.77	18.24	324					
16075	15.64	-17.90	23.77	319	17075	11.05	-14.16	17.96	322					
16100	15.06	-18.54	23.89	321	17100	11.48	-13.38	17.63	319					
16125	14.05	-18.49	23.23	323	17125	11.56	-13.19	17.54	319					
16150	14.01	-17.30	22.26	321	17150	12.19	-12.61	17.54	316					
16175	13.79	-16.48	21.49	320	17175	12.83	-12.06	17.61	313					
16200	13.52	-15.56	20.62	319	17200	13.80	-11.64	18.06	310					
16225	13.31	-14.50	19.69	317	17225	15.20	-11.09	18.82	306					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2806 05/07/65, 1402Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
325	-4.14	1.79	4.51	113	1325	-2.09	1.43	2.53	124	2325	-3.19	-1.86	3.70	60
350	-4.17	1.82	4.55	113	1350	-2.37	1.28	2.69	118	2350	-2.99	-1.87	3.52	58
375	-3.87	1.74	4.24	114	1375	-2.61	1.17	2.86	114	2375	-2.76	-2.03	3.43	53
400	-3.95	1.82	4.35	115	1400	-2.81	0.90	2.95	108	2400	-2.79	-2.16	3.53	52
425	-4.49	2.02	4.92	114	1425	-3.25	0.46	3.28	98	2425	-2.98	-2.24	3.72	53
450	-4.59	2.10	5.05	114	1450	-3.70	0.17	3.70	92	2450	-3.10	-2.27	3.84	54
475	-4.61	2.12	5.07	115	1475	-4.13	-0.02	4.13	90	2475	-3.22	-2.30	3.96	54
500	-4.65	2.21	5.15	115	1500	-4.51	-0.32	4.52	86	2500	-3.34	-2.34	4.08	55
525	-4.59	2.26	5.12	116	1525	-4.81	-0.64	4.85	82	2525	-3.46	-2.37	4.20	55
550	-4.37	2.22	4.90	117	1550	-5.23	-0.90	5.31	80	2550	-3.59	-2.40	4.32	56
575	-4.00	2.17	4.56	118	1575	-5.63	-1.08	5.73	79	2575	-3.71	-2.44	4.44	56
600	-3.69	2.11	4.25	120	1600	-5.85	-1.13	5.96	79	2600	-3.83	-2.47	4.56	57
625	-3.57	2.20	4.19	121	1625	-5.87	-1.01	5.95	80	2625	-3.95	-2.50	4.68	57
650	-3.51	2.34	4.22	124	1650	-5.96	-0.83	6.01	82	2650	-4.07	-2.54	4.80	58
675	-3.40	2.47	4.21	126	1675	-6.08	-0.76	6.13	83	2675	-4.19	-2.57	4.92	58
700	-3.39	2.66	4.30	128	1700	-6.13	-0.68	6.16	83	2700	-4.32	-2.60	5.04	59
725	-3.36	2.90	4.44	131	1725	-6.24	-0.72	6.28	83	2725	-4.44	-2.64	5.16	59
750	-3.31	3.15	4.57	133	1750	-6.01	-0.88	6.07	82	2750	-4.56	-2.67	5.29	59
775	-3.34	3.39	4.76	135	1775	-5.37	-0.98	5.46	79	2775	-4.68	-2.71	5.41	60
800	-3.29	3.61	4.89	137	1800	-4.72	-1.20	4.87	75	2800	-4.80	-2.74	5.53	60
825	-3.17	3.65	4.84	139	1825	-4.36	-1.24	4.54	74	2825	-4.93	-2.77	5.65	60
850	-3.19	3.59	4.80	138	1850	-4.32	-0.97	4.43	77	2850	-5.05	-2.81	5.78	61
875	-2.91	3.38	4.47	139	1875	-4.35	-1.00	4.46	77	2875	-5.25	-3.02	6.05	60
900	-2.47	3.10	3.96	141	1900	-4.34	-1.22	4.51	74	2900	-5.49	-3.27	6.39	59
925	-2.28	3.00	3.77	142	1925	-4.48	-1.28	4.66	74	2925	-5.61	-3.37	6.54	59
950	-1.91	2.75	3.35	145	1950	-4.72	-1.54	4.97	72	2950	-5.75	-3.30	6.63	60
975	-1.38	2.38	2.75	150	1975	-4.88	-2.00	5.27	67	2975	-5.90	-3.15	6.69	62
1000	-1.04	2.10	2.34	153	2000	-4.96	-2.27	5.46	65	3000	-5.90	-2.95	6.59	63
1025	-0.80	1.95	2.11	158	2025	-5.00	-2.04	5.40	68	3025	-5.73	-2.80	6.38	64
1050	-0.38	1.73	1.77	167	2050	-5.04	-1.59	5.29	72	3050	-5.58	-2.82	6.25	63
1075	-0.19	1.63	1.65	173	2075	-5.01	-1.28	5.17	75	3075	-5.41	-2.88	6.13	62
1100	-0.21	1.66	1.67	173	2100	-4.72	-1.28	4.89	75	3100	-5.25	-2.81	5.96	62
1125	-0.36	1.59	1.63	167	2125	-4.40	-1.12	4.54	76	3125	-5.28	-2.58	5.88	64
1150	-0.46	1.64	1.69	157	2150	-4.17	-0.89	4.26	78	3150	-5.27	-2.14	5.69	68
1175	-0.95	1.54	1.80	148	2175	-3.97	-1.12	4.12	74	3175	-5.24	-1.87	5.56	70
1200	-1.22	1.54	1.97	141	2200	-3.79	-1.25	3.99	71	3200	-5.21	-1.97	5.57	69
1225	-1.43	1.56	2.12	137	2225	-3.49	-1.27	3.72	70	3225	-5.05	-2.14	5.48	67
1250	-1.59	1.58	2.24	135	2250	-3.24	-1.38	3.52	67	3250	-4.97	-2.34	5.49	65
1275	-1.70	1.59	2.32	133	2275	-3.22	-1.46	3.53	65	3275	-4.87	-2.69	5.56	61
1300	-1.92	1.55	2.47	129	2300	-3.25	-1.67	3.65	63	3300	-4.80	-3.20	5.77	56

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2806 05/07/65, 1402Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3325	-4.92	-3.56	6.07	54	4325	-1.97	-1.52	2.49	52	5325	-0.09	-2.99	2.99	2
3350	-5.16	-3.74	6.37	54	4350	-1.98	-2.06	2.86	44	5350	0.03	-3.25	3.25	359
3375	-5.48	-3.80	6.67	55	4375	-1.80	-2.65	3.21	34	5375	0.28	-3.60	3.61	355
3400	-5.68	-3.83	6.85	56	4400	-1.72	-3.15	3.59	28	5400	0.56	-3.96	4.00	352
3425	-5.58	-3.73	6.71	56	4425	-1.75	-3.41	3.83	27	5425	0.88	-4.37	4.46	348
3450	-5.37	-3.46	6.38	57	4450	-1.79	-3.41	3.85	27	5450	1.16	-4.71	4.85	346
3475	-5.25	-3.28	6.18	58	4475	-1.78	-3.40	3.84	27	5475	1.34	-4.94	5.12	345
3500	-5.26	-3.04	6.07	60	4500	-1.66	-3.31	3.70	27	5500	1.51	-5.23	5.44	344
3525	-5.31	-2.79	6.00	62	4525	-1.66	-3.12	3.53	28	5525	1.74	-5.41	5.68	342
3550	-5.42	-2.83	6.11	62	4550	-1.73	-3.01	3.47	30	5550	2.23	-5.61	6.04	338
3575	-5.51	-3.05	6.30	61	4575	-1.63	-2.76	3.21	30	5575	2.61	-6.05	6.59	336
3600	-5.49	-3.33	6.42	59	4600	-1.26	-2.60	2.89	26	5600	2.52	-6.34	6.82	338
3625	-5.50	-3.39	6.46	58	4625	-0.90	-2.71	2.86	18	5625	2.24	-6.15	6.54	340
3650	-5.54	-3.32	6.46	59	4650	-0.80	-2.90	3.01	15	5650	1.94	-5.78	6.09	341
3675	-5.62	-3.43	6.59	58	4675	-0.86	-3.24	3.35	15	5675	1.65	-5.61	5.85	343
3700	-5.64	-3.42	6.59	59	4700	-0.94	-3.54	3.66	15	5700	1.59	-5.37	5.60	343
3725	-5.54	-3.31	6.46	59	4725	-1.01	-3.62	3.75	15	5725	1.94	-5.04	5.40	339
3750	-5.59	-3.28	6.48	59	4750	-0.88	-3.41	3.53	14	5750	2.59	-4.81	5.46	332
3775	-5.58	-3.13	6.40	61	4775	-0.68	-3.28	3.35	11	5775	2.88	-4.96	5.74	330
3800	-5.53	-2.93	6.26	62	4800	-0.35	-3.16	3.18	6	5800	2.95	-5.28	6.05	331
3825	-5.52	-2.78	6.18	63	4825	0.01	-3.04	3.04	360	5825	3.20	-5.16	6.07	328
3850	-5.42	-2.51	5.97	65	4850	0.07	-3.01	3.01	358	5850	3.27	-4.87	5.87	326
3875	-5.34	-2.19	5.78	68	4875	0.02	-3.01	3.01	359	5875	3.06	-4.58	5.50	326
3900	-5.26	-1.98	5.62	69	4900	-0.07	-3.06	3.06	1	5900	2.90	-4.31	5.20	326
3925	-5.11	-1.72	5.39	71	4925	-0.22	-2.98	2.99	4	5925	2.92	-4.14	5.06	325
3950	-5.06	-1.61	5.31	72	4950	-0.30	-2.91	2.93	6	5950	3.06	-3.94	4.99	322
3975	-5.10	-1.64	5.36	72	4975	-0.35	-2.89	2.91	7	5975	3.19	-3.81	4.97	320
4000	-4.91	-1.51	5.13	73	5000	-0.64	-2.60	2.68	14	6000	3.29	-3.91	5.11	320
4025	-4.53	-1.40	4.74	73	5025	-0.61	-2.17	2.25	16	6025	3.26	-3.93	5.11	320
4050	-4.40	-1.38	4.61	72	5050	-0.07	-1.91	1.92	2	6050	3.16	-3.79	4.93	320
4075	-4.28	-1.43	4.51	71	5075	0.52	-1.82	1.89	344	6075	3.09	-3.75	4.85	320
4100	-4.16	-1.49	4.42	70	5100	0.87	-1.86	2.05	335	6100	3.04	-3.85	4.91	322
4125	-4.36	-1.49	4.60	71	5125	0.82	-1.98	2.14	337	6125	2.95	-3.92	4.90	323
4150	-4.17	-1.42	4.41	71	5150	0.63	-2.02	2.12	343	6150	2.82	-3.97	4.87	324
4175	-3.73	-1.34	3.96	70	5175	0.34	-2.11	2.14	351	6175	2.72	-4.13	4.94	326
4200	-3.59	-1.23	3.80	71	5200	-0.07	-2.26	2.26	2	6200	2.75	-4.18	5.00	326
4225	-3.23	-1.10	3.42	71	5225	-0.28	-2.46	2.48	6	6225	2.80	-4.20	5.05	326
4250	-2.61	-1.09	2.83	67	5250	-0.35	-2.76	2.78	7	6250	2.88	-4.20	5.09	325
4275	-2.23	-1.08	2.48	64	5275	-0.26	-2.82	2.83	5	6275	3.00	-4.08	5.06	323
4300	-2.03	-1.17	2.34	60	5300	-0.10	-2.85	2.85	2	6300	3.01	-4.02	5.02	323

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-105 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2806 05/07/65, 1402Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6325	3.11	-3.98	5.05	322	7325	4.93	-6.61	8.24	323	8325	2.76	-9.68	10.07	344
6350	3.20	-3.98	5.11	321	7350	5.07	-6.94	8.60	324	8350	3.13	-9.51	10.02	342
6375	3.20	-4.10	5.20	322	7375	5.06	-7.15	8.76	324	8375	3.88	-9.79	10.54	338
6400	3.19	-4.21	5.28	323	7400	5.08	-7.24	8.85	325	8400	4.55	-10.41	11.36	336
6425	3.23	-4.28	5.36	323	7425	5.09	-7.22	8.84	325	8425	4.94	-10.64	11.73	335
6450	3.25	-4.34	5.42	323	7450	5.04	-7.11	8.72	324	8450	5.41	-11.15	12.39	334
6475	3.28	-4.38	5.47	323	7475	5.07	-6.95	8.60	324	8475	5.92	-11.93	13.32	333
6500	3.19	-4.41	5.44	324	7500	5.14	-6.85	8.56	323	8500	6.25	-12.28	13.78	333
6525	3.19	-4.38	5.42	324	7525	5.13	-6.72	8.45	322	8525	6.45	-12.23	13.82	332
6550	3.25	-4.41	5.48	323	7550	5.04	-6.62	8.32	323	8550	6.63	-11.92	13.64	331
6575	3.18	-4.56	5.56	325	7575	4.88	-6.61	8.22	323	8575	6.72	-12.09	13.83	331
6600	3.20	-4.78	5.75	326	7600	4.73	-6.57	8.09	324	8600	6.63	-12.48	14.13	332
6625	3.30	-5.02	6.01	327	7625	4.72	-6.52	8.05	324	8625	6.56	-12.67	14.27	332
6650	3.46	-5.29	6.32	327	7650	4.65	-6.48	7.97	324	8650	6.41	-12.84	14.35	333
6675	3.67	-5.54	6.64	326	7675	4.54	-6.39	7.84	324	8675	6.20	-12.97	14.37	334
6700	3.89	-5.75	6.94	326	7700	4.57	-6.36	7.83	324	8700	6.13	-13.05	14.41	335
6725	4.09	-5.99	7.25	325	7725	4.63	-6.30	7.82	324	8725	6.10	-12.96	14.32	335
6750	4.40	-6.33	7.71	325	7750	4.60	-6.26	7.76	324	8750	5.92	-12.63	13.95	335
6775	4.60	-6.61	8.06	325	7775	4.57	-6.23	7.73	324	8775	5.76	-12.29	13.57	335
6800	4.61	-6.99	8.37	326	7800	4.58	-6.11	7.64	323	8800	5.70	-11.91	13.20	334
6825	4.49	-7.54	8.77	329	7825	4.41	-6.01	7.46	324	8825	5.50	-11.40	12.66	334
6850	4.54	-7.88	9.09	330	7850	4.19	-6.16	7.45	326	8850	5.32	-11.06	12.27	334
6875	4.87	-7.85	9.24	328	7875	4.15	-6.28	7.53	326	8875	5.18	-10.96	12.12	334
6900	5.17	-7.47	9.08	325	7900	4.16	-6.28	7.54	326	8900	5.11	-10.75	11.90	334
6925	5.45	-6.89	8.79	321	7925	4.20	-6.40	7.66	327	8925	5.23	-10.49	11.72	333
6950	5.58	-6.26	8.39	318	7950	4.14	-6.41	7.64	327	8950	5.53	-10.57	11.94	332
6975	5.43	-5.72	7.89	316	7975	3.97	-6.43	7.56	328	8975	6.32	-11.00	12.69	330
7000	5.28	-5.53	7.64	316	8000	4.02	-6.53	7.67	328	9000	7.07	-11.17	13.22	327
7025	5.16	-5.54	7.57	317	8025	4.15	-6.74	7.92	328	9025	7.54	-11.33	13.61	326
7050	4.97	-5.63	7.51	318	8050	4.17	-7.08	8.22	329	9050	8.20	-11.61	14.21	325
7075	4.88	-5.71	7.51	319	8075	4.18	-7.54	8.62	331	9075	8.64	-11.63	14.49	323
7100	4.86	-5.93	7.67	320	8100	4.06	-8.06	9.02	333	9100	8.82	-11.78	14.71	323
7125	4.98	-6.10	7.87	321	8125	4.13	-8.60	9.53	334	9125	8.98	-11.85	14.87	323
7150	5.16	-6.04	7.94	319	8150	4.15	-9.14	10.04	335	9150	9.24	-11.97	15.12	322
7175	5.26	-6.10	8.05	319	8175	3.97	-9.56	10.35	337	9175	9.63	-12.07	15.44	321
7200	5.27	-6.30	8.21	320	8200	3.77	-9.76	10.47	339	9200	9.95	-12.11	15.68	320
7225	5.19	-6.28	8.15	320	8225	3.58	-9.68	10.32	340	9225	10.15	-12.26	15.92	320
7250	5.14	-6.30	8.13	321	8250	3.26	-9.56	10.10	341	9250	10.30	-12.11	15.90	319
7275	5.12	-6.49	8.26	322	8275	2.90	-9.65	10.08	343	9275	11.00	-11.41	15.84	316
7300	4.96	-6.45	8.14	322	8300	2.74	-9.76	10.14	344	9300	11.49	-11.22	16.06	314

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2806 05/07/65, 1402Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9325	11.69	-11.37	16.31	314	10325	11.63	-7.59	13.89	303	11325	12.31	-9.84	15.76	308
9350	12.16	-11.19	16.52	312	10350	11.57	-7.68	13.88	303	11350	12.49	-9.90	15.93	308
9375	12.71	-10.93	16.76	310	10375	11.62	-7.89	14.05	304	11375	12.37	-9.88	15.83	308
9400	13.25	-10.69	17.03	309	10400	11.72	-8.00	14.19	304	11400	12.21	-9.95	15.75	309
9425	13.42	-10.32	16.93	307	10425	11.79	-8.04	14.27	304	11425	12.13	-9.90	15.66	309
9450	13.38	-9.64	16.49	306	10450	11.85	-8.08	14.34	304	11450	11.89	-9.73	15.37	309
9475	13.42	-9.36	16.36	305	10475	12.09	-8.03	14.52	303	11475	11.68	-9.68	15.17	309
9500	13.58	-9.68	16.68	305	10500	12.54	-7.92	14.83	302	11500	11.47	-9.58	14.94	310
9525	13.84	-9.97	17.05	306	10525	12.72	-7.88	14.96	302	11525	11.24	-9.28	14.58	309
9550	13.99	-10.09	17.25	306	10550	12.63	-7.93	14.91	302	11550	11.12	-9.07	14.35	309
9575	14.13	-10.24	17.45	306	10575	12.52	-8.07	14.89	303	11575	11.14	-8.99	14.32	309
9600	14.46	-10.49	17.86	306	10600	12.47	-8.12	14.88	303	11600	11.18	-9.05	14.38	309
9625	14.83	-10.56	18.20	305	10625	12.56	-8.14	14.97	303	11625	11.03	-9.08	14.29	309
9650	14.96	-10.60	18.33	305	10650	12.57	-8.26	15.04	303	11650	11.04	-9.15	14.33	309
9675	14.76	-10.58	18.17	305	10675	12.49	-8.22	14.95	303	11675	10.97	-9.45	14.48	311
9700	14.36	-10.48	17.78	306	10700	12.49	-8.21	14.95	303	11700	10.73	-9.76	14.51	312
9725	14.17	-10.39	17.57	306	10725	12.48	-8.38	15.04	304	11725	10.53	-10.00	14.52	313
9750	14.03	-10.28	17.39	306	10750	12.56	-8.43	15.13	304	11750	10.55	-10.39	14.81	314
9775	13.81	-10.26	17.20	306	10775	12.53	-8.44	15.11	304	11775	10.52	-10.79	15.07	316
9800	13.70	-10.28	17.12	307	10800	12.45	-8.57	15.11	304	11800	10.36	-11.02	15.12	317
9825	13.78	-10.45	17.29	307	10825	12.51	-8.77	15.28	305	11825	10.25	-11.09	15.10	317
9850	14.01	-10.40	17.45	306	10850	12.63	-8.93	15.47	305	11850	10.17	-11.19	15.12	318
9875	14.32	-10.20	17.58	305	10875	12.53	-8.88	15.36	305	11875	10.04	-11.29	15.10	318
9900	14.74	-10.18	17.92	304	10900	12.46	-8.84	15.28	305	11900	9.92	-11.51	15.20	319
9925	14.74	-10.13	17.89	304	10925	12.48	-9.09	15.44	306	11925	9.87	-11.81	15.39	320
9950	14.44	-10.22	17.69	305	10950	12.51	-9.46	15.69	307	11950	9.81	-11.93	15.44	320
9975	14.16	-10.21	17.46	306	10975	12.68	-9.57	15.88	307	11975	9.59	-11.94	15.32	321
10000	13.81	-10.13	17.13	306	11000	12.65	-9.60	15.87	307	12000	9.37	-12.29	15.46	322
10025	13.44	-10.04	16.77	307	11025	12.42	-9.70	15.76	308	12025	9.47	-12.78	15.91	323
10050	13.09	-9.82	16.37	307	11050	12.27	-9.68	15.63	308	12050	9.71	-13.14	16.34	323
10075	12.94	-9.70	16.18	307	11075	12.41	-9.66	15.73	308	12075	10.05	-13.60	16.91	323
10100	12.83	-9.52	15.97	306	11100	12.27	-9.56	15.56	308	12100	10.24	-14.04	17.38	324
10125	12.55	-9.18	15.55	306	11125	11.93	-9.49	15.24	308	12125	10.34	-14.65	17.93	325
10150	12.29	-9.08	15.27	306	11150	11.72	-9.43	15.04	309	12150	10.51	-15.47	18.71	326
10175	12.19	-9.11	15.21	307	11175	11.63	-9.27	14.87	308	12175	10.24	-16.07	19.05	327
10200	12.00	-8.89	14.94	306	11200	11.61	-9.11	14.76	308	12200	9.83	-16.49	19.20	329
10225	11.83	-8.46	14.54	305	11225	11.63	-9.08	14.76	308	12225	9.58	-16.78	19.32	330
10250	11.83	-8.18	14.38	304	11250	11.79	-9.21	14.96	308	12250	9.13	-16.79	19.11	331
10275	11.78	-8.03	14.26	304	11275	11.97	-9.51	15.29	308	12275	8.66	-16.71	18.83	332
10300	11.68	-7.78	14.04	303	11300	12.09	-9.72	15.52	309	12300	8.09	-16.50	18.38	334

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2806 05/07/65, 1402Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12325	7.42	-15.90	17.55	335	13325	17.64	-14.86	23.06	310	14325	12.95	-8.23	15.34	302
12350	7.47	-14.73	16.52	333	13350	17.53	-14.44	22.71	309	14350	14.11	-8.72	16.59	302
12375	7.78	-13.43	15.52	330	13375	17.44	-14.17	22.48	309	14375	15.26	-9.14	17.78	301
12400	7.86	-12.20	14.51	327	13400	17.29	-13.79	22.12	308	14400	15.96	-9.22	18.43	300
12425	7.89	-11.00	13.54	324	13425	17.38	-13.53	22.03	308	14425	16.23	-8.72	18.43	298
12450	8.17	-10.05	12.95	321	13450	17.58	-13.32	22.06	307	14450	16.93	-8.44	18.91	296
12475	8.96	-9.32	12.93	316	13475	17.05	-12.78	21.31	307	14475	17.21	-8.86	19.36	297
12500	10.22	-9.06	13.66	311	13500	16.30	-13.01	20.85	308	14500	17.53	-9.12	19.76	297
12525	11.42	-9.37	14.77	309	13525	15.91	-13.71	21.00	311	14525	17.91	-9.33	20.19	297
12550	12.12	-9.87	15.63	309	13550	15.59	-13.80	20.82	311	14550	18.20	-9.62	20.59	298
12575	12.54	-10.10	16.10	309	13575	14.95	-13.10	19.88	311	14575	18.03	-10.01	20.62	299
12600	12.90	-10.09	16.38	308	13600	14.21	-11.61	18.35	309	14600	18.19	-10.41	20.96	300
12625	13.41	-10.10	16.78	307	13625	13.64	-10.71	17.35	308	14625	18.85	-10.45	21.55	299
12650	13.77	-10.55	17.35	307	13650	13.02	-10.22	16.56	308	14650	18.79	-10.14	21.35	298
12675	14.05	-10.85	17.75	307	13675	12.82	-9.82	16.15	307	14675	18.96	-10.19	21.53	298
12700	14.41	-10.71	17.95	306	13700	12.51	-9.24	15.55	306	14700	19.25	-10.74	22.05	299
12725	15.39	-11.01	18.92	305	13725	12.12	-8.66	14.90	305	14725	19.62	-11.01	22.50	299
12750	16.60	-11.50	20.20	304	13750	11.86	-8.13	14.38	304	14750	20.02	-11.03	22.85	299
12775	17.51	-11.64	21.03	303	13775	11.65	-7.39	13.80	302	14775	20.26	-11.33	23.21	299
12800	18.27	-11.69	21.69	302	13800	11.52	-6.67	13.31	300	14800	20.93	-11.85	24.06	299
12825	18.63	-11.87	22.09	302	13825	11.38	-5.87	12.80	297	14825	21.00	-12.08	24.22	300
12850	18.22	-12.03	21.84	303	13850	10.86	-5.05	11.98	295	14850	20.71	-12.42	24.15	301
12875	17.52	-12.15	21.32	305	13875	10.06	-4.42	10.99	294	14875	20.45	-12.92	24.19	302
12900	16.71	-12.18	20.67	306	13900	9.60	-3.73	10.30	291	14900	20.57	-13.11	24.39	302
12925	16.18	-12.07	20.19	307	13925	9.64	-3.33	10.20	289	14925	21.29	-13.15	25.02	301
12950	15.82	-11.73	19.69	306	13950	9.72	-3.18	10.22	288	14950	21.64	-13.21	25.36	301
12975	15.78	-11.82	19.71	307	13975	9.59	-2.98	10.04	287	14975	21.29	-13.30	25.10	302
13000	15.97	-12.35	20.19	308	14000	9.66	-3.14	10.16	288	15000	20.70	-13.82	24.89	304
13025	16.11	-12.53	20.41	308	14025	9.48	-3.39	10.06	289	15025	19.96	-14.56	24.71	306
13050	16.08	-12.99	20.68	309	14050	9.23	-3.75	9.96	292	15050	19.24	-15.20	24.51	308
13075	16.40	-13.49	21.23	309	14075	9.47	-4.16	10.35	294	15075	18.55	-15.71	24.31	310
13100	17.25	-13.59	21.95	308	14100	9.70	-4.47	10.68	295	15100	17.41	-15.69	23.44	312
13125	17.90	-13.99	22.72	308	14125	9.82	-5.02	11.03	297	15125	16.86	-15.37	22.81	312
13150	18.34	-14.36	23.29	308	14150	9.82	-5.27	11.20	299	15150	16.62	-15.25	22.57	312
13175	18.61	-14.75	23.75	308	14175	9.79	-6.06	11.51	302	15175	15.82	-14.81	21.67	313
13200	18.74	-14.88	23.93	308	14200	9.58	-6.46	11.55	304	15200	14.48	-15.26	21.04	316
13225	18.63	-15.10	23.98	309	14225	9.72	-6.82	11.87	305	15225	13.67	-15.35	20.55	318
13250	18.45	-15.57	24.14	310	14250	10.81	-7.25	13.01	304	15250	12.85	-15.25	19.94	320
13275	18.27	-15.60	24.03	310	14275	11.74	-7.60	13.98	303	15275	11.95	-15.24	19.37	322
13300	17.91	-15.32	23.57	310	14300	12.07	-7.87	14.41	303	15300	11.63	-15.10	19.05	322

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2806 05/07/65, 1402Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15325	11.60	-14.40	18.49	321	16325	9.89	-2.67	10.24	285					
15350	12.23	-13.66	18.33	318	16350	9.53	-2.16	9.77	283					
15375	12.45	-13.71	18.52	318	16375	9.55	-2.14	9.79	282					
15400	12.24	-13.90	18.52	318	16400	9.86	-2.50	10.17	284					
15425	11.32	-13.91	17.94	321	16425	10.06	-2.77	10.43	285					
15450	10.82	-14.03	17.71	322	16450	10.50	-2.80	10.87	285					
15475	10.48	-13.71	17.25	322	16475	10.97	-2.95	11.36	285					
15500	10.14	-13.11	16.57	322	16500	11.41	-2.92	11.78	284					
15525	9.88	-12.60	16.01	322	16525	11.78	-2.60	12.06	282					
15550	9.66	-11.52	15.04	320	16550	12.25	-2.55	12.51	282					
15575	10.32	-10.54	14.75	315	16575	12.59	-2.47	12.83	281					
15600	10.95	-10.20	14.97	313	16600	12.13	-2.63	12.41	282					
15625	11.42	-9.53	14.87	310	16625	11.65	-2.83	11.99	283					
15650	11.65	-8.86	14.64	307	16650	11.40	-2.66	11.71	283					
15675	11.64	-8.40	14.35	306	16675	11.37	-2.90	11.73	284					
15700	11.84	-7.83	14.19	303	16700	11.55	-3.51	12.07	287					
15725	11.87	-7.41	13.99	302	16725	10.97	-4.02	11.69	290					
15750	11.74	-7.28	13.81	302	16750	10.25	-4.62	11.25	294					
15775	11.71	-7.39	13.85	302	16775	9.77	-5.22	11.08	298					
15800	11.42	-7.02	13.41	301	16800	9.39	-5.58	10.92	301					
15825	11.47	-6.47	13.17	299	16825	9.32	-5.76	10.96	302					
15850	11.38	-6.13	12.92	298	16850	9.31	-6.33	11.26	304					
15875	11.04	-5.72	12.43	297	16875	9.38	-6.93	11.66	306					
15900	11.01	-5.43	12.27	296	16900	9.47	-7.15	11.86	307					
15925	11.07	-5.07	12.18	294	16925	9.19	-7.79	12.04	310					
15950	11.50	-4.17	12.23	290	16950	8.68	-8.25	11.97	313					
15975	11.96	-3.32	12.41	285	16975	8.35	-8.64	12.01	316					
16000	12.40	-3.04	12.76	284	17000	8.62	-9.20	12.61	317					
16025	12.89	-2.94	13.22	283	17025	8.38	-9.67	12.80	319					
16050	13.18	-3.34	13.60	284	17050	7.74	-10.11	12.73	322					
16075	13.60	-3.77	14.11	285	17075	7.71	-10.13	12.73	323					
16100	14.37	-4.08	14.94	286	17100	7.30	-10.50	12.79	325					
16125	14.42	-4.84	15.21	288	17125	6.98	-10.82	12.87	327					
16150	13.48	-4.79	14.30	289	17150	6.61	-10.33	12.26	327					
16175	12.43	-4.41	13.19	289	17175	5.89	-9.93	11.55	329					
16200	11.48	-4.19	12.22	290	17200	5.66	-9.74	11.27	330					
16225	10.88	-4.04	11.61	290										
16250	10.82	-3.68	11.43	289										
16275	10.35	-3.05	10.79	286										
16300	9.91	-2.92	10.33	286										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-106

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2666 05/08/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
175	-5.38	3.04	6.18	119	1175	-3.84	-1.44	4.10	69	2175	1.91	-3.29	3.81	330
200	-5.57	3.10	6.37	119	1200	-3.62	-1.93	4.10	62	2200	1.60	-3.76	4.08	337
225	-5.96	3.20	6.76	118	1225	-3.58	-2.47	4.35	55	2225	1.38	-3.89	4.13	340
250	-6.24	3.29	7.06	118	1250	-3.46	-2.74	4.41	52	2250	1.32	-3.83	4.05	341
275	-6.46	3.31	7.26	117	1275	-3.28	-2.96	4.42	48	2275	1.23	-3.79	3.99	342
300	-6.45	3.33	7.25	117	1300	-2.93	-3.42	4.51	40	2300	1.23	-3.63	3.84	341
325	-6.19	3.25	6.99	118	1325	-2.31	-3.92	4.55	30	2325	1.24	-3.25	3.48	339
350	-6.00	3.14	6.77	117	1350	-1.65	-4.46	4.76	20	2350	1.00	-2.81	2.99	340
375	-5.67	3.04	6.43	118	1375	-0.92	-5.05	5.13	10	2375	0.63	-2.55	2.62	346
400	-5.27	2.99	6.06	119	1400	0.04	-5.69	5.69	359	2400	0.36	-2.54	2.57	352
425	-5.01	2.91	5.79	120	1425	1.00	-6.37	6.44	351	2425	0.14	-2.57	2.58	357
450	-4.89	2.81	5.64	120	1450	1.67	-6.68	6.89	346	2450	-0.07	-2.56	2.56	1
475	-4.81	2.84	5.58	120	1475	2.26	-6.85	7.21	342	2475	-0.15	-2.73	2.74	3
500	-4.86	2.91	5.66	121	1500	2.61	-6.85	7.33	339	2500	-0.15	-2.81	2.81	3
525	-5.02	2.89	5.79	120	1525	2.84	-6.70	7.28	337	2525	-0.08	-2.70	2.70	1
550	-5.19	2.94	5.96	119	1550	3.14	-6.58	7.29	334	2550	0.01	-2.71	2.71	360
575	-5.36	3.00	6.14	119	1575	3.27	-6.39	7.18	333	2575	0.01	-2.98	2.98	360
600	-5.40	2.89	6.13	118	1600	3.22	-6.32	7.09	333	2600	-0.03	-3.35	3.35	0
625	-5.53	2.84	6.22	117	1625	3.10	-6.30	7.02	334	2625	-0.10	-3.76	3.76	1
650	-5.80	2.88	6.47	116	1650	3.09	-6.19	6.92	333	2650	-0.16	-4.22	4.22	2
675	-6.17	2.94	6.84	115	1675	3.22	-6.33	7.10	333	2675	-0.13	-4.62	4.62	1
700	-6.54	2.94	7.17	114	1700	3.04	-6.50	7.17	335	2700	-0.04	-4.83	4.83	0
725	-6.77	2.84	7.34	113	1725	2.73	-6.40	6.96	337	2725	0.01	-4.67	4.67	360
750	-6.78	2.66	7.28	111	1750	2.39	-6.09	6.55	338	2750	0.12	-4.09	4.10	358
775	-6.67	2.40	7.09	110	1775	2.05	-5.45	5.83	339	2775	0.30	-3.61	3.62	355
800	-6.70	2.17	7.04	108	1800	2.00	-4.58	5.00	336	2800	0.35	-3.40	3.42	354
825	-6.72	2.01	7.01	106	1825	2.04	-3.71	4.23	331	2825	0.41	-3.40	3.42	353
850	-6.52	1.98	6.81	107	1850	2.25	-3.34	4.03	326	2850	0.60	-3.54	3.60	350
875	-6.34	1.91	6.62	107	1875	2.65	-3.35	4.27	321	2875	0.68	-3.61	3.67	349
900	-6.19	1.67	6.41	105	1900	2.93	-3.26	4.38	318	2900	0.73	-3.57	3.65	348
925	-5.94	1.47	6.12	104	1925	3.04	-3.05	4.31	315	2925	0.66	-3.38	3.45	349
950	-5.74	1.14	5.86	101	1950	2.89	-2.90	4.10	315	2950	0.29	-3.26	3.27	355
975	-5.42	0.80	5.48	98	1975	2.68	-2.68	3.79	315	2975	-0.05	-3.30	3.30	1
1000	-5.36	0.47	5.38	95	2000	2.53	-2.46	3.53	314	3000	-0.30	-3.59	3.60	5
1025	-5.53	0.07	5.53	91	2025	2.43	-2.35	3.38	314	3025	-0.56	-4.12	4.15	8
1050	-5.46	-0.13	5.46	88	2050	2.47	-2.11	3.25	310	3050	-0.63	-4.61	4.66	8
1075	-5.15	-0.12	5.15	89	2075	2.59	-1.99	3.27	307	3075	-0.56	-5.12	5.15	6
1100	-4.77	-0.21	4.77	87	2100	2.48	-2.23	3.33	312	3100	-0.56	-5.49	5.51	6
1125	-4.59	-0.53	4.62	83	2125	2.24	-2.62	3.45	319	3125	-0.52	-5.46	5.48	5
1150	-4.29	-0.97	4.40	77	2150	2.08	-2.91	3.58	324	3150	-0.44	-5.23	5.24	5

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2666 05/08/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3175	-0.38	-5.30	5.31	4	4175	-2.25	-5.41	5.86	22	5175	2.40	-5.07	5.61	335
3200	-0.34	-5.56	5.57	3	4200	-2.00	-5.17	5.55	21	5200	2.00	-5.17	5.55	339
3225	-0.29	-5.64	5.65	3	4225	-1.85	-4.88	5.22	21	5225	1.79	-5.01	5.32	340
3250	-0.29	-5.63	5.64	3	4250	-1.68	-4.56	4.86	20	5250	2.25	-4.84	5.34	335
3275	-0.30	-5.65	5.66	3	4275	-1.46	-4.39	4.63	18	5275	2.80	-5.20	5.91	332
3300	-0.27	-5.64	5.65	3	4300	-1.30	-4.40	4.59	16	5300	3.25	-5.82	6.66	331
3325	-0.28	-5.62	5.63	3	4325	-1.22	-4.33	4.50	16	5325	3.82	-6.24	7.31	328
3350	-0.25	-5.67	5.68	2	4350	-1.28	-4.20	4.39	17	5350	4.06	-6.45	7.62	328
3375	-0.19	-5.68	5.68	2	4375	-1.35	-4.24	4.45	17	5375	4.14	-6.80	7.96	328
3400	-0.14	-5.58	5.58	1	4400	-1.38	-4.14	4.36	18	5400	4.30	-7.03	8.24	328
3425	-0.18	-5.48	5.48	2	4425	-1.37	-4.03	4.26	19	5425	4.45	-6.99	8.28	327
3450	-0.40	-5.47	5.49	4	4450	-1.28	-4.02	4.22	17	5450	4.40	-7.00	8.27	328
3475	-0.54	-5.58	5.61	5	4475	-1.27	-3.93	4.13	18	5475	4.17	-7.11	8.24	329
3500	-0.57	-5.70	5.73	5	4500	-1.30	-3.95	4.15	18	5500	4.13	-7.23	8.32	330
3525	-0.57	-5.87	5.90	5	4525	-1.31	-3.97	4.18	18	5525	4.23	-7.21	8.36	329
3550	-0.61	-6.07	6.10	6	4550	-1.38	-4.04	4.27	19	5550	4.21	-7.19	8.33	329
3575	-0.83	-5.97	6.03	8	4575	-1.46	-4.06	4.31	20	5575	4.08	-7.30	8.36	331
3600	-1.14	-5.93	6.04	11	4600	-1.35	-3.96	4.19	19	5600	3.93	-7.25	8.25	331
3625	-1.22	-6.09	6.21	11	4625	-1.11	-3.86	4.02	16	5625	3.78	-6.99	7.95	331
3650	-1.07	-6.08	6.17	10	4650	-0.99	-3.74	3.86	15	5650	3.70	-6.75	7.70	331
3675	-0.94	-5.82	5.89	9	4675	-0.98	-3.64	3.76	15	5675	3.66	-6.72	7.65	331
3700	-0.83	-5.37	5.43	9	4700	-1.06	-3.55	3.70	16	5700	3.66	-6.81	7.73	332
3725	-0.73	-4.95	5.01	8	4725	-1.08	-3.63	3.79	16	5725	3.71	-6.85	7.79	331
3750	-0.59	-4.62	4.66	7	4750	-1.05	-3.73	3.87	15	5750	3.81	-6.89	7.87	331
3775	-0.37	-4.44	4.45	5	4775	-1.14	-3.66	3.83	17	5775	3.87	-6.86	7.88	330
3800	-0.11	-4.36	4.36	1	4800	-1.13	-3.62	3.79	17	5800	3.84	-6.90	7.90	331
3825	0.02	-4.48	4.48	360	4825	-1.02	-3.56	3.70	16	5825	3.87	-6.90	7.91	331
3850	-0.12	-4.75	4.75	1	4850	-0.91	-3.53	3.64	14	5850	3.83	-6.84	7.85	331
3875	-0.36	-4.95	4.97	4	4875	-0.72	-3.54	3.61	11	5875	3.71	-6.84	7.78	331
3900	-0.77	-5.22	5.27	8	4900	-0.31	-3.63	3.65	5	5900	3.37	-6.85	7.63	334
3925	-1.02	-5.54	5.63	10	4925	0.11	-3.69	3.70	358	5925	3.04	-6.89	7.53	336
3950	-1.10	-5.68	5.78	11	4950	0.29	-3.62	3.63	355	5950	2.97	-7.00	7.61	337
3975	-1.41	-5.69	5.87	14	4975	0.49	-3.56	3.59	352	5975	2.82	-7.12	7.66	338
4000	-1.69	-5.63	5.88	16	5000	0.62	-3.45	3.51	350	6000	2.52	-6.99	7.43	340
4025	-1.94	-5.50	5.83	19	5025	0.74	-3.33	3.41	347	6025	2.32	-6.69	7.08	341
4050	-2.24	-5.56	6.00	22	5050	0.89	-3.44	3.56	345	6050	2.37	-6.52	6.94	340
4075	-2.35	-5.77	6.23	22	5075	1.27	-3.79	4.00	341	6075	2.47	-6.29	6.76	338
4100	-2.42	-5.95	6.42	22	5100	1.98	-4.16	4.61	334	6100	2.58	-6.30	6.81	338
4125	-2.52	-5.99	6.50	23	5125	2.40	-4.53	5.13	332	6125	2.93	-6.48	7.11	336
4150	-2.45	-5.73	6.23	23	5150	2.51	-4.88	5.49	333	6150	3.35	-6.44	7.26	332

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-106 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2666 05/08/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6175	3.47	-6.20	7.11	331	7175	3.70	-8.18	8.98	336	8175	3.48	-9.24	9.87	339
6200	3.22	-6.29	7.06	333	7200	3.71	-8.46	9.24	336	8200	3.39	-9.21	9.82	340
6225	2.89	-6.55	7.16	336	7225	3.92	-8.45	9.31	335	8225	3.23	-9.31	9.85	341
6250	2.66	-6.27	6.81	337	7250	4.14	-8.24	9.22	333	8250	3.09	-9.37	9.87	342
6275	2.48	-5.93	6.43	337	7275	4.35	-8.19	9.28	332	8275	3.18	-9.55	10.07	341
6300	2.45	-5.85	6.34	337	7300	4.55	-8.29	9.45	331	8300	3.31	-9.80	10.35	341
6325	2.54	-5.61	6.16	335	7325	4.82	-8.42	9.70	330	8325	3.30	-10.06	10.59	342
6350	2.63	-5.32	5.93	334	7350	4.96	-8.50	9.84	330	8350	3.39	-10.30	10.85	342
6375	2.65	-5.26	5.89	333	7375	5.07	-8.59	9.98	329	8375	3.45	-10.56	11.11	342
6400	2.65	-5.33	5.96	333	7400	5.44	-8.67	10.24	328	8400	3.44	-10.79	11.32	342
6425	2.62	-5.43	6.03	334	7425	5.90	-8.74	10.54	326	8425	3.61	-11.01	11.59	342
6450	2.49	-5.54	6.08	336	7450	6.22	-8.86	10.82	325	8450	3.76	-11.25	11.86	341
6475	2.46	-5.81	6.30	337	7475	6.46	-8.93	11.02	324	8475	3.83	-11.34	11.97	341
6500	2.66	-6.09	6.65	336	7500	6.60	-9.11	11.25	324	8500	3.86	-11.52	12.15	341
6525	3.13	-6.46	7.18	334	7525	6.39	-9.35	11.32	325	8525	3.83	-11.87	12.47	342
6550	3.55	-6.83	7.69	332	7550	6.25	-9.42	11.31	326	8550	3.78	-12.27	12.84	343
6575	3.84	-7.16	8.12	332	7575	6.27	-9.48	11.37	326	8575	3.63	-12.60	13.11	344
6600	3.92	-7.46	8.43	332	7600	6.02	-9.30	11.07	327	8600	3.54	-12.87	13.35	344
6625	3.68	-7.79	8.62	335	7625	5.88	-8.92	10.69	326	8625	3.39	-13.05	13.48	345
6650	3.46	-8.23	8.93	337	7650	5.99	-8.46	10.37	325	8650	3.12	-13.21	13.58	347
6675	3.42	-8.27	8.95	337	7675	6.03	-8.25	10.21	324	8675	3.13	-13.42	13.78	347
6700	3.59	-7.98	8.75	336	7700	5.97	-8.55	10.43	325	8700	3.34	-13.64	14.04	346
6725	3.69	-7.83	8.65	335	7725	5.93	-8.81	10.62	326	8725	3.43	-14.00	14.42	346
6750	3.63	-7.44	8.28	334	7750	5.57	-9.03	10.61	328	8750	3.51	-14.16	14.59	346
6775	3.64	-7.13	8.01	333	7775	5.20	-9.08	10.47	330	8775	3.78	-14.17	14.66	345
6800	3.79	-7.17	8.12	332	7800	5.04	-9.09	10.40	331	8800	4.02	-14.31	14.87	344
6825	3.79	-7.19	8.13	332	7825	4.82	-9.05	10.25	332	8825	4.19	-14.28	14.88	343
6850	3.59	-7.15	8.00	333	7850	4.71	-8.79	9.97	332	8850	4.33	-14.15	14.80	343
6875	3.38	-7.18	7.93	335	7875	4.65	-8.78	9.94	332	8875	4.49	-14.22	14.91	342
6900	3.24	-7.30	7.98	336	7900	4.61	-8.95	10.06	333	8900	4.76	-14.41	15.18	342
6925	3.25	-7.38	8.07	336	7925	4.45	-8.98	10.02	333	8925	4.86	-14.35	15.16	341
6950	3.24	-7.36	8.04	336	7950	4.29	-8.93	9.91	334	8950	4.77	-14.24	15.01	341
6975	3.24	-7.33	8.01	336	7975	4.20	-8.91	9.85	335	8975	4.82	-14.50	15.28	341
7000	3.44	-7.53	8.27	335	8000	4.16	-8.95	9.87	335	9000	4.99	-14.62	15.45	341
7025	3.51	-7.58	8.36	335	8025	4.20	-9.00	9.93	335	9025	4.99	-14.62	15.45	341
7050	3.62	-7.80	8.60	335	8050	4.11	-9.21	10.09	336	9050	5.02	-14.71	15.54	341
7075	3.64	-8.01	8.80	335	8075	3.99	-9.27	10.09	337	9075	5.09	-14.63	15.49	341
7100	3.61	-7.93	8.71	335	8100	3.93	-9.21	10.02	337	9100	5.09	-14.46	15.33	340
7125	3.62	-7.99	8.77	335	8125	3.92	-9.25	10.05	337	9125	5.15	-14.48	15.37	340
7150	3.70	-8.07	8.88	335	8150	3.72	-9.28	9.99	338	9150	5.09	-14.56	15.43	341

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2666 05/08/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9175	5.04	-14.56	15.41	341	10175	8.42	-14.82	17.05	330	11175	17.62	-14.12	22.58	309
9200	5.05	-14.44	15.29	341	10200	8.85	-15.21	17.60	330	11200	17.43	-13.88	22.28	308
9225	5.16	-14.46	15.35	340	10225	9.35	-15.67	18.24	329	11225	17.35	-13.63	22.06	308
9250	5.46	-14.69	15.67	339	10250	9.69	-15.84	18.57	328	11250	17.33	-13.47	21.95	308
9275	5.61	-14.72	15.75	339	10275	9.97	-15.91	18.78	328	11275	17.14	-13.19	21.63	307
9300	5.62	-14.86	15.89	339	10300	10.45	-15.97	19.09	327	11300	17.19	-12.93	21.51	307
9325	5.60	-15.14	16.14	340	10325	10.91	-15.90	19.28	325	11325	17.36	-12.76	21.54	306
9350	5.60	-15.08	16.09	339	10350	11.15	-15.83	19.36	325	11350	17.43	-12.60	21.51	306
9375	5.80	-14.70	15.81	338	10375	11.30	-15.84	19.46	324	11375	17.43	-12.39	21.39	305
9400	6.12	-14.43	15.67	337	10400	11.35	-15.74	19.41	324	11400	17.59	-12.22	21.42	305
9425	6.47	-14.18	15.59	335	10425	11.41	-15.80	19.49	324	11425	17.62	-12.09	21.37	304
9450	6.82	-13.86	15.45	334	10450	11.46	-15.85	19.55	324	11450	17.45	-11.84	21.09	304
9475	6.97	-13.63	15.31	333	10475	11.90	-15.64	19.65	323	11475	17.27	-11.56	20.78	304
9500	7.03	-13.46	15.19	332	10500	12.41	-15.36	19.75	321	11500	17.23	-11.35	20.63	303
9525	7.24	-13.41	15.24	331	10525	12.40	-14.93	19.41	320	11525	17.31	-11.22	20.63	303
9550	7.50	-13.24	15.22	330	10550	12.50	-14.68	19.28	319	11550	17.29	-11.09	20.54	302
9575	7.47	-13.14	15.11	330	10575	12.61	-14.63	19.31	319	11575	17.27	-11.13	20.55	303
9600	7.42	-13.19	15.14	330	10600	12.71	-14.67	19.41	319	11600	17.20	-11.07	20.45	303
9625	7.47	-13.19	15.16	330	10625	13.04	-14.63	19.60	318	11625	17.11	-10.79	20.23	302
9650	7.51	-13.06	15.07	330	10650	13.27	-14.50	19.65	317	11650	17.18	-10.63	20.21	302
9675	7.77	-13.31	15.41	330	10675	13.30	-14.56	19.72	317	11675	17.15	-10.54	20.13	301
9700	7.61	-13.61	15.60	331	10700	13.48	-14.43	19.74	317	11700	17.26	-10.55	20.23	301
9725	7.22	-13.56	15.36	332	10725	13.58	-14.35	19.76	316	11725	17.47	-10.61	20.44	301
9750	7.01	-13.59	15.30	333	10750	14.08	-14.59	20.28	316	11750	17.53	-10.73	20.56	301
9775	6.74	-13.58	15.16	333	10775	14.50	-14.52	20.52	315	11775	17.64	-10.85	20.71	301
9800	6.43	-13.56	15.01	334	10800	14.83	-14.45	20.70	314	11800	17.68	-10.67	20.65	301
9825	6.23	-13.68	15.03	335	10825	15.45	-14.75	21.36	313	11825	17.53	-10.54	20.46	301
9850	6.26	-13.78	15.13	335	10850	15.92	-15.07	21.92	313	11850	17.60	-10.80	20.65	301
9875	6.46	-13.76	15.21	335	10875	16.12	-15.30	22.23	313	11875	17.49	-10.91	20.61	302
9900	6.77	-13.84	15.41	334	10900	16.31	-15.46	22.48	313	11900	17.32	-10.96	20.50	302
9925	7.02	-14.05	15.70	333	10925	16.58	-15.31	22.56	313	11925	17.28	-10.85	20.41	302
9950	7.26	-14.34	16.07	333	10950	16.67	-15.11	22.50	312	11950	17.12	-10.77	20.22	302
9975	7.57	-14.66	16.50	333	10975	16.68	-15.13	22.52	312	11975	16.97	-11.06	20.26	303
10000	7.84	-14.79	16.74	332	11000	16.75	-14.78	22.34	311	12000	16.97	-11.53	20.52	304
10025	7.80	-14.82	16.75	332	11025	16.82	-14.51	22.21	311	12025	17.17	-11.86	20.86	304
10050	7.58	-14.69	16.53	333	11050	16.98	-14.74	22.48	311	12050	16.92	-11.64	20.53	304
10075	7.56	-14.77	16.59	333	11075	17.18	-14.78	22.67	311	12075	16.48	-11.46	20.08	305
10100	7.55	-14.91	16.72	332	11100	17.51	-14.61	22.81	310	12100	16.34	-11.34	19.89	305
10125	7.62	-14.64	16.50	332	11125	17.79	-14.35	22.86	309	12125	16.09	-11.24	19.63	305
10150	7.97	-14.59	16.62	331	11150	17.70	-14.14	22.65	308	12150	15.89	-11.41	19.56	306

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-106 (con't)

PS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2666 05/08/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12175	15.82	-11.47	19.54	306	13175	14.84	-10.73	18.31	306	14175	20.38	-14.26	24.87	305
12200	15.76	-11.62	19.58	306	13200	15.53	-10.47	18.73	304	14200	20.59	-14.21	25.02	304
12225	15.70	-11.70	19.58	307	13225	16.32	-10.02	19.15	301	14225	20.80	-14.31	25.25	304
12250	15.33	-11.62	19.24	307	13250	17.17	-9.82	19.78	300	14250	20.74	-14.40	25.25	305
12275	15.05	-11.46	18.92	307	13275	17.09	-10.42	20.01	301	14275	19.82	-14.38	24.49	306
12300	14.96	-11.01	18.57	306	13300	16.53	-11.68	20.25	305	14300	18.42	-14.15	23.23	307
12325	14.61	-10.67	18.09	306	13325	16.08	-12.59	20.42	308	14325	17.69	-13.75	22.41	308
12350	14.25	-10.39	17.64	306	13350	15.42	-12.89	20.10	310	14350	17.71	-13.19	22.09	307
12375	14.58	-10.10	17.73	305	13375	15.00	-13.27	20.03	311	14375	17.97	-12.31	21.78	304
12400	15.28	-10.15	18.34	303	13400	14.98	-13.50	20.17	312	14400	18.13	-11.27	21.35	302
12425	15.52	-10.37	18.66	304	13425	15.68	-13.67	20.80	311	14425	18.57	-10.01	21.10	298
12450	15.39	-10.13	18.42	303	13450	16.32	-14.03	21.52	311	14450	18.92	-9.74	21.28	297
12475	15.23	-9.78	18.10	303	13475	16.34	-14.37	21.76	311	14475	18.53	-10.89	21.50	300
12500	15.21	-9.64	18.01	302	13500	16.15	-14.78	21.89	312	14500	17.98	-11.86	21.54	303
12525	15.61	-10.05	18.56	303	13525	16.05	-15.39	22.24	314	14525	17.13	-12.64	21.29	306
12550	16.01	-10.95	19.39	304	13550	15.78	-15.94	22.43	315	14550	16.29	-13.19	20.96	309
12575	15.95	-11.79	19.84	306	13575	15.58	-16.36	22.59	316	14575	16.09	-12.74	20.52	308
12600	15.57	-12.32	19.85	308	13600	15.88	-16.45	22.87	316	14600	15.61	-12.26	19.85	308
12625	15.27	-12.38	19.66	309	13625	16.13	-16.11	22.80	315	14625	15.61	-12.62	20.07	309
12650	14.86	-12.49	19.41	310	13650	16.11	-15.34	22.25	313	14650	16.07	-12.65	20.45	308
12675	14.58	-12.66	19.31	311	13675	16.29	-14.86	22.05	312	14675	16.39	-12.32	20.50	307
12700	14.65	-12.80	19.46	311	13700	16.89	-14.59	22.32	311	14700	16.89	-12.15	20.80	306
12725	14.62	-12.69	19.36	311	13725	17.23	-13.83	22.09	309	14725	17.36	-11.83	21.01	304
12750	14.70	-12.57	19.34	310	13750	17.57	-13.50	22.16	307	14750	18.05	-11.39	21.35	302
12775	14.70	-12.98	19.61	311	13775	18.36	-13.50	22.78	306	14775	17.98	-11.21	21.19	302
12800	14.29	-13.31	19.53	313	13800	18.95	-13.10	23.04	304	14800	17.20	-11.54	20.71	304
12825	13.98	-13.54	19.46	314	13825	19.49	-12.91	23.37	303	14825	16.44	-11.94	20.32	306
12850	13.94	-13.65	19.51	314	13850	19.35	-12.59	23.08	303	14850	15.71	-12.08	19.82	307
12875	13.75	-13.52	19.28	314	13875	18.74	-11.82	22.15	302	14875	15.21	-11.96	19.34	308
12900	13.28	-13.77	19.13	316	13900	18.36	-11.43	21.63	302	14900	14.69	-11.75	18.81	308
12925	12.82	-13.77	18.82	317	13925	18.21	-11.55	21.57	302	14925	13.70	-11.55	17.92	310
12950	12.81	-13.53	18.64	316	13950	17.73	-12.25	21.55	304	14950	13.28	-10.90	17.18	309
12975	12.95	-13.43	18.65	316	13975	17.84	-12.76	21.94	305	14975	13.48	-10.43	17.04	308
13000	12.93	-13.08	18.40	315	14000	18.72	-12.81	22.68	304	15000	13.44	-10.48	17.04	308
13025	13.21	-12.79	18.39	314	14025	19.01	-12.91	22.98	304	15025	13.49	-10.41	17.03	307
13050	13.42	-12.58	18.40	313	14050	19.10	-13.22	23.23	305	15050	13.70	-10.17	17.06	306
13075	13.57	-12.21	18.26	312	14075	19.16	-13.57	23.48	305	15075	14.14	-9.76	17.18	304
13100	13.52	-11.85	17.97	311	14100	19.34	-13.75	23.73	305	15100	14.19	-9.57	17.12	304
13125	13.30	-11.46	17.56	311	14125	19.73	-14.00	24.19	305	15125	14.57	-9.47	17.37	303
13150	13.92	-11.04	17.77	308	14150	20.12	-14.22	24.64	305	15150	15.28	-8.90	17.68	300

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2666 05/08/65, 0219Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15175	15.25	-8.55	17.48	299	16175	9.88	-13.06	16.38	323					
15200	15.04	-8.62	17.33	300	16200	9.65	-13.19	16.34	324					
15225	14.95	-8.28	17.09	299	16225	9.15	-13.22	16.08	325					
15250	14.93	-8.15	17.01	298	16250	8.44	-13.14	15.62	327					
15275	14.87	-7.87	16.82	298	16275	7.74	-13.36	15.44	330					
15300	14.22	-7.19	15.93	297	16300	6.95	-13.27	14.98	332					
15325	13.94	-6.44	15.36	295	16325	6.65	-13.13	14.72	333					
15350	13.96	-5.78	15.11	292	16350	6.36	-13.47	14.90	335					
15375	14.01	-5.40	15.02	291										
15400	14.12	-5.00	14.98	289										
15425	13.59	-4.39	14.28	288										
15450	13.18	-3.96	13.76	287										
15475	13.40	-3.73	13.91	285										
15500	13.89	-3.69	14.38	285										
15525	13.99	-3.64	14.46	284										
15550	14.03	-3.36	14.43	283										
15575	13.86	-3.59	14.32	284										
15600	13.68	-4.43	14.38	288										
15625	14.00	-4.68	14.76	288										
15650	14.50	-4.54	15.19	287										
15675	15.32	-4.33	15.92	286										
15700	15.59	-5.04	16.39	288										
15725	16.06	-6.39	17.29	292										
15750	16.43	-6.76	17.77	292										
15775	16.64	-7.04	18.07	293										
15800	17.02	-7.46	18.58	293										
15825	17.30	-7.57	18.88	293										
15850	17.73	-7.50	19.25	293										
15875	17.83	-7.63	19.40	293										
15900	17.74	-8.29	19.58	295										
15925	17.18	-9.07	19.43	298										
15950	16.63	-9.89	19.35	301										
15975	16.16	-10.72	19.39	303										
16000	15.31	-11.11	18.92	306										
16025	14.40	-11.24	18.27	308										
16050	13.77	-11.53	17.96	310										
16075	12.86	-12.14	17.69	313										
16100	11.89	-12.32	17.12	316										
16125	11.34	-12.55	16.91	318										
16150	10.48	-13.05	16.74	321										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2936 05/10/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
325	-4.36	-0.93	4.46	78	1325	-3.10	-2.34	3.88	53	2325	-7.15	-2.11	7.46	73
350	-4.43	-0.60	4.47	82	1350	-3.76	-2.60	4.57	55	2350	-6.63	-2.29	7.02	71
375	-4.63	-0.38	4.65	85	1375	-4.29	-2.72	5.08	57	2375	-6.07	-2.59	6.60	67
400	-4.73	-0.37	4.75	85	1400	-4.63	-2.58	5.30	61	2400	-5.61	-2.77	6.26	64
425	-4.81	-0.37	4.83	95	1425	-4.92	-2.40	5.47	64	2425	-5.36	-2.93	6.11	61
450	-4.83	-0.36	4.85	86	1450	-5.23	-2.22	5.68	67	2450	-5.31	-3.15	6.18	59
475	-4.70	-0.35	4.71	86	1475	-5.60	-2.11	5.98	69	2475	-5.30	-3.42	6.31	57
500	-4.70	-0.21	4.71	87	1500	-5.98	-2.17	6.36	70	2500	-5.38	-3.66	6.50	56
525	-4.71	-0.24	4.72	87	1525	-6.33	-2.43	6.78	69	2525	-5.59	-3.81	6.77	56
550	-4.63	-0.27	4.63	87	1550	-6.73	-2.56	7.20	69	2550	-5.83	-3.77	6.94	57
575	-4.45	-0.15	4.45	88	1575	-6.95	-2.47	7.38	70	2575	-5.94	-3.53	6.91	59
600	-4.31	-0.13	4.31	88	1600	-7.04	-2.34	7.42	71	2600	-5.77	-3.34	6.67	60
625	-4.31	-0.12	4.31	88	1625	-7.15	-2.26	7.50	72	2625	-5.52	-3.33	6.44	59
650	-4.15	-0.28	4.16	86	1650	-7.18	-2.10	7.48	73	2650	-5.22	-3.38	6.22	57
675	-4.08	-0.33	4.09	85	1675	-7.13	-2.01	7.41	74	2675	-5.00	-3.59	6.15	54
700	-4.09	-0.18	4.10	87	1700	-7.05	-1.79	7.27	76	2700	-4.87	-3.91	6.24	51
725	-3.92	-0.18	3.93	87	1725	-7.04	-1.53	7.21	78	2725	-4.84	-4.07	6.33	50
750	-3.62	-0.39	3.64	84	1750	-6.97	-1.62	7.15	77	2750	-4.80	-4.26	6.42	48
775	-3.35	-0.59	3.40	80	1775	-6.80	-1.98	7.08	74	2775	-4.60	-4.36	6.34	46
800	-3.15	-0.64	3.22	78	1800	-6.77	-2.34	7.16	71	2800	-4.51	-4.29	6.22	46
825	-3.03	-0.56	3.08	79	1825	-6.78	-2.52	7.24	69	2825	-4.44	-3.93	5.93	48
850	-2.93	-0.59	2.99	78	1850	-6.66	-2.72	7.20	68	2850	-4.42	-3.43	5.60	52
875	-2.74	-0.77	2.84	74	1875	-6.66	-3.00	7.31	66	2875	-4.41	-3.38	5.56	52
900	-2.65	-0.83	2.77	72	1900	-6.89	-3.23	7.61	65	2900	-4.33	-3.53	5.59	51
925	-2.55	-0.94	2.71	69	1925	-7.14	-3.27	7.85	65	2925	-4.42	-3.60	5.69	51
950	-2.28	-1.09	2.53	64	1950	-7.40	-3.21	8.06	66	2950	-4.45	-3.59	5.72	51
975	-1.95	-1.08	2.23	61	1975	-7.62	-3.13	8.24	67	2975	-4.38	-3.57	5.65	51
1000	-1.73	-0.99	1.99	60	2000	-7.53	-3.14	8.16	67	3000	-4.35	-3.65	5.68	50
1025	-1.56	-1.11	1.92	54	2025	-7.38	-3.12	8.01	67	3025	-4.31	-3.60	5.61	50
1050	-1.49	-1.27	1.96	49	2050	-7.28	-3.12	7.92	67	3050	-4.20	-3.54	5.50	50
1075	-1.57	-1.31	2.05	50	2075	-7.20	-3.28	7.91	65	3075	-3.95	-3.48	5.26	48
1100	-1.52	-1.28	1.99	50	2100	-7.22	-3.39	7.97	65	3100	-3.69	-3.26	4.93	48
1125	-1.36	-1.16	1.79	49	2125	-7.23	-3.51	8.04	64	3125	-3.50	-3.02	4.63	48
1150	-1.18	-1.26	1.73	43	2150	-7.29	-3.68	8.17	63	3150	-3.39	-2.80	4.40	50
1175	-0.99	-1.68	1.95	30	2175	-7.27	-3.77	8.19	62	3175	-3.41	-2.76	4.39	51
1200	-0.84	-2.17	2.33	21	2200	-7.15	-3.60	8.00	63	3200	-3.40	-2.70	4.35	51
1225	-0.94	-2.47	2.65	21	2225	-7.19	-3.22	7.88	66	3225	-3.35	-2.69	4.30	51
1250	-1.31	-2.56	2.88	27	2250	-7.34	-2.79	7.85	69	3250	-3.45	-2.82	4.46	51
1275	-1.78	-2.54	3.10	35	2275	-7.38	-2.47	7.78	71	3275	-3.44	-2.83	4.45	50
1300	-2.41	-2.37	3.38	45	2300	-7.36	-2.25	7.70	73	3300	-3.42	-2.80	4.42	50

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2936 05/10/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3325	-3.63	-2.78	4.57	52	4325	-2.98	-3.94	4.94	37	5325	0.06	-7.68	7.68	359
3350	-3.75	-2.85	4.71	53	4350	-3.02	-4.03	5.04	37	5350	-0.03	-7.52	7.52	0
3375	-3.74	-2.88	4.72	52	4375	-2.96	-4.40	5.30	34	5375	-0.22	-7.50	7.50	1
3400	-3.80	-2.83	4.74	53	4400	-2.79	-4.79	5.55	30	5400	-0.66	-7.72	7.75	5
3425	-3.84	-2.75	4.72	54	4425	-2.64	-5.11	5.75	27	5425	-0.98	-8.11	8.17	7
3450	-3.67	-2.68	4.55	54	4450	-2.34	-5.25	5.75	24	5450	-1.10	-8.46	8.53	7
3475	-3.72	-2.54	4.50	55	4475	-1.97	-5.18	5.54	21	5475	-1.23	-8.80	8.88	8
3500	-3.81	-2.15	4.38	60	4500	-1.88	-5.24	5.56	20	5500	-1.42	-9.24	9.35	9
3525	-3.65	-1.65	4.01	66	4525	-2.04	-5.41	5.78	20	5525	-1.53	-9.52	9.65	9
3550	-3.70	-1.36	3.94	70	4550	-2.15	-5.34	5.76	22	5550	-1.45	-9.76	9.86	8
3575	-3.83	-1.23	4.02	72	4575	-2.32	-5.29	5.78	24	5575	-1.12	-10.01	10.08	6
3600	-3.94	-1.12	4.10	74	4600	-2.64	-5.26	5.88	26	5600	-0.33	-9.74	9.75	2
3625	-4.01	-1.17	4.18	74	4625	-2.91	-5.19	5.95	29	5625	0.14	-9.95	9.95	359
3650	-3.89	-1.26	4.09	72	4650	-3.03	-5.39	6.18	29	5650	0.51	-10.45	10.47	357
3675	-3.84	-1.26	4.04	72	4675	-2.89	-5.65	6.35	27	5675	0.97	-10.31	10.36	354
3700	-3.81	-1.18	3.98	73	4700	-2.81	-5.74	6.39	26	5700	1.14	-10.21	10.27	353
3725	-3.64	-1.18	3.83	72	4725	-2.69	-5.52	6.14	26	5725	1.20	-10.34	10.41	353
3750	-3.37	-1.11	3.55	72	4750	-2.53	-5.21	5.79	26	5750	1.25	-10.85	10.92	353
3775	-3.21	-0.97	3.36	73	4775	-2.41	-5.30	5.82	24	5775	1.42	-11.37	11.46	353
3800	-3.09	-0.89	3.21	74	4800	-2.05	-5.61	5.97	20	5800	1.70	-11.67	11.79	351
3825	-2.79	-0.90	2.94	72	4825	-1.87	-5.86	6.15	18	5825	2.07	-11.87	12.05	350
3850	-2.34	-1.19	2.63	63	4850	-2.28	-6.09	6.50	20	5850	2.52	-12.18	12.43	348
3875	-2.06	-1.53	2.57	53	4875	-2.74	-6.22	6.80	24	5875	2.84	-12.39	12.71	347
3900	-2.04	-1.75	2.69	49	4900	-2.82	-6.32	6.92	24	5900	3.17	-12.37	12.77	345
3925	-1.99	-2.05	2.86	44	4925	-2.46	-6.53	6.98	20	5925	3.40	-12.45	12.90	345
3950	-1.96	-2.33	3.05	40	4950	-1.95	-6.79	7.06	16	5950	3.59	-12.49	13.00	344
3975	-2.01	-2.36	3.10	40	4975	-1.52	-7.00	7.16	12	5975	3.88	-12.54	13.12	343
4000	-2.03	-2.45	3.18	39	5000	-1.07	-7.24	7.32	8	6000	3.93	-12.75	13.34	343
4025	-2.07	-2.64	3.35	38	5025	-0.69	-7.59	7.62	5	6025	3.78	-13.06	13.60	344
4050	-2.16	-2.70	3.45	38	5050	-0.32	-7.85	7.86	2	6050	3.57	-13.37	13.84	345
4075	-2.14	-2.78	3.51	37	5075	-0.05	-7.97	7.97	0	6075	3.51	-13.52	13.97	345
4100	-2.15	-2.93	3.63	36	5100	-0.01	-8.22	8.22	0	6100	3.65	-13.57	14.05	345
4125	-2.37	-3.01	3.83	38	5125	-0.14	-8.50	8.50	1	6125	3.70	-13.73	14.22	345
4150	-2.59	-3.19	4.11	39	5150	-0.24	-8.54	8.54	1	6150	3.75	-13.98	14.48	345
4175	-2.65	-3.45	4.35	37	5175	-0.34	-8.49	8.49	2	6175	3.94	-13.95	14.50	344
4200	-2.70	-3.55	4.46	37	5200	-0.44	-8.39	8.40	3	6200	4.06	-13.97	14.55	344
4225	-2.76	-3.45	4.42	38	5225	-0.20	-8.21	8.21	1	6225	4.10	-14.08	14.67	344
4250	-2.69	-3.50	4.41	37	5250	0.25	-8.07	8.07	358	6250	4.10	-14.10	14.68	344
4275	-2.64	-3.71	4.55	35	5275	0.45	-7.85	7.86	357	6275	3.93	-14.14	14.68	344
4300	-2.82	-3.89	4.81	36	5300	0.26	-7.74	7.75	358	6300	3.72	-14.27	14.75	345

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WINC SPEED, THETA = WIND DIRECTION

TABLE II-107 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2936 05/10/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6325	3.65	-14.56	15.01	346	7325	7.22	-16.73	18.22	336	8325	4.00	-18.78	19.21	348
6350	3.60	-14.90	15.33	346	7350	7.27	-16.60	18.12	336	8350	3.83	-18.77	19.16	348
6375	3.74	-15.05	15.51	346	7375	7.28	-16.64	18.16	336	8375	3.60	-18.78	19.13	349
6400	4.09	-15.10	15.65	345	7400	7.20	-16.92	18.39	337	8400	3.42	-19.15	19.45	350
6425	4.44	-15.22	15.85	344	7425	7.13	-17.40	18.80	338	8425	3.44	-19.49	19.80	350
6450	4.81	-15.13	15.88	342	7450	7.10	-17.72	19.09	338	8450	3.54	-19.52	19.84	350
6475	5.13	-14.97	15.83	341	7475	7.16	-17.63	19.03	338	8475	3.58	-19.26	19.59	349
6500	5.20	-14.98	15.86	341	7500	7.31	-17.52	18.98	337	8500	3.84	-18.95	19.34	348
6525	5.15	-15.05	15.90	341	7525	7.35	-17.51	18.98	337	8525	4.27	-18.51	19.00	347
6550	5.25	-15.00	15.90	341	7550	7.43	-17.38	18.91	337	8550	4.57	-17.96	18.54	346
6575	5.38	-14.95	15.89	340	7575	7.51	-17.14	18.72	336	8575	4.73	-17.64	18.27	345
6600	5.47	-14.90	15.87	340	7600	7.41	-17.36	18.87	337	8600	4.80	-17.46	18.11	344
6625	5.55	-14.86	15.87	339	7625	7.19	-17.62	19.03	338	8625	4.91	-17.40	18.08	344
6650	5.63	-14.82	15.85	339	7650	7.03	-17.64	18.99	338	8650	4.96	-17.45	18.14	344
6675	5.81	-14.70	15.81	338	7675	6.85	-17.68	18.96	339	8675	5.10	-17.69	18.41	344
6700	6.06	-14.52	15.73	337	7700	6.56	-17.63	18.81	339	8700	5.14	-17.88	18.60	344
6725	6.18	-14.36	15.64	337	7725	6.21	-17.92	18.96	341	8725	5.14	-17.90	18.62	344
6750	6.15	-14.34	15.61	337	7750	5.82	-18.13	19.04	342	8750	5.35	-18.09	18.86	343
6775	5.97	-14.31	15.51	337	7775	5.61	-18.02	18.88	343	8775	5.71	-18.12	19.00	342
6800	5.76	-14.29	15.40	338	7800	5.74	-18.05	18.94	342	8800	6.33	-17.95	19.03	340
6825	5.37	-14.23	15.21	339	7825	6.11	-18.30	19.30	341	8825	7.01	-17.67	19.01	338
6850	5.17	-14.21	15.12	340	7850	6.58	-18.43	19.57	340	8850	7.37	-17.36	18.86	337
6875	5.32	-14.33	15.28	339	7875	6.93	-18.27	19.54	339	8875	7.79	-17.13	18.82	335
6900	5.40	-14.49	15.46	339	7900	7.02	-18.25	19.56	339	8900	8.28	-16.93	18.85	334
6925	5.37	-14.74	15.69	340	7925	7.13	-18.10	19.46	338	8925	8.72	-16.86	18.98	332
6950	5.48	-15.28	16.24	340	7950	7.31	-17.83	19.27	337	8950	8.98	-16.71	18.96	332
6975	5.45	-15.98	16.88	341	7975	7.36	-17.66	19.13	337	8975	9.23	-16.67	19.06	331
7000	5.19	-16.45	17.25	342	8000	7.43	-17.27	18.80	337	9000	9.46	-16.94	19.40	331
7025	4.97	-16.66	17.39	343	8025	7.47	-17.11	18.67	336	9025	9.58	-16.94	19.46	330
7050	4.88	-16.66	17.36	343	8050	7.36	-17.28	18.78	337	9050	9.62	-17.06	19.58	330
7075	4.87	-16.58	17.28	343	8075	7.30	-17.42	18.89	337	9075	9.51	-17.30	19.74	331
7100	4.91	-16.74	17.45	343	8100	7.04	-17.57	18.93	338	9100	9.49	-17.10	19.56	331
7125	5.21	-16.94	17.72	343	8125	6.64	-17.78	18.98	339	9125	9.38	-16.98	19.40	331
7150	5.48	-17.08	17.93	342	8150	6.14	-17.91	18.94	341	9150	9.35	-16.96	19.36	331
7175	5.69	-17.28	18.19	342	8175	5.70	-18.05	18.93	342	9175	9.36	-16.82	19.25	331
7200	5.78	-17.25	18.20	341	8200	5.39	-18.13	18.91	343	9200	9.47	-16.78	19.27	330
7225	5.82	-17.02	17.99	341	8225	5.03	-18.03	18.72	344	9225	9.61	-16.50	19.09	330
7250	5.95	-16.97	17.98	340	8250	4.78	-18.41	19.02	345	9250	9.55	-16.21	18.82	329
7275	6.20	-17.08	18.17	340	8275	4.55	-18.70	19.24	346	9275	9.56	-16.29	18.89	329
7300	6.77	-16.95	18.25	338	8300	4.26	-18.63	19.11	347	9300	9.67	-16.24	18.90	329

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2936 05/10/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9325	9.68	-16.27	18.94	329	10325	6.00	-20.32	21.19	343	11325	10.66	-19.43	22.16	331
9350	9.69	-16.68	19.29	330	10350	6.07	-20.66	21.53	343	11350	10.62	-19.30	22.03	331
9375	9.76	-16.94	19.55	330	10375	6.19	-20.68	21.59	343	11375	10.50	-19.22	21.90	331
9400	9.64	-16.97	19.52	330	10400	6.37	-20.68	21.64	343	11400	10.73	-19.41	22.18	331
9425	9.39	-16.96	19.39	331	10425	6.28	-20.76	21.69	343	11425	10.99	-19.56	22.43	330
9450	9.22	-17.06	19.39	331	10450	6.13	-20.68	21.57	343	11450	10.95	-19.65	22.50	331
9475	9.11	-17.05	19.33	332	10475	5.84	-20.87	21.67	344	11475	10.92	-19.63	22.46	331
9500	8.90	-16.99	19.17	332	10500	5.24	-21.27	21.91	346	11500	11.13	-19.68	22.61	330
9525	8.61	-17.12	19.17	333	10525	4.94	-21.41	21.97	347	11525	10.91	-19.67	22.49	331
9550	8.35	-17.28	19.19	334	10550	4.89	-21.44	21.99	347	11550	10.76	-19.57	22.33	331
9575	7.98	-17.38	19.12	335	10575	4.77	-21.51	22.03	347	11575	10.68	-19.53	22.26	331
9600	7.79	-17.37	19.04	336	10600	4.76	-21.23	21.76	347	11600	10.33	-19.53	22.10	332
9625	7.85	-17.49	19.17	336	10625	4.66	-21.01	21.52	347	11625	10.14	-19.67	22.13	333
9650	7.79	-17.70	19.34	336	10650	4.62	-21.08	21.57	347	11650	10.08	-19.64	22.07	333
9675	7.61	-17.89	19.44	337	10675	4.41	-21.12	21.57	348	11675	10.06	-19.49	21.93	332
9700	7.43	-18.17	19.63	338	10700	4.45	-21.14	21.61	348	11700	10.23	-19.49	22.01	332
9725	7.19	-18.11	19.48	338	10725	4.87	-20.95	21.51	347	11725	10.45	-19.52	22.14	332
9750	7.04	-18.06	19.38	339	10750	5.18	-20.96	21.59	346	11750	10.60	-19.47	22.17	331
9775	6.95	-18.42	19.69	339	10775	5.46	-21.06	21.76	345	11775	10.79	-19.03	21.87	330
9800	6.38	-18.75	19.81	341	10800	5.58	-21.05	21.78	345	11800	10.92	-18.58	21.55	329
9825	6.11	-19.17	20.12	342	10825	6.03	-20.95	21.80	344	11825	11.04	-18.58	21.61	329
9850	6.35	-19.42	20.43	342	10850	6.53	-20.97	21.96	343	11850	11.29	-18.42	21.61	328
9875	6.37	-19.26	20.28	341	10875	6.95	-21.11	22.23	342	11875	11.34	-18.40	21.61	328
9900	6.49	-19.15	20.22	341	10900	7.42	-21.09	22.36	340	11900	11.36	-18.35	21.58	328
9925	6.78	-19.27	20.43	340	10925	7.89	-21.02	22.45	339	11925	11.63	-18.16	21.56	327
9950	6.89	-19.49	20.68	340	10950	8.68	-21.02	22.74	337	11950	11.81	-17.97	21.51	326
9975	6.57	-19.62	20.69	341	10975	9.14	-21.08	22.98	336	11975	11.93	-17.88	21.49	326
10000	6.42	-19.64	20.66	342	11000	9.38	-21.10	23.09	336	12000	11.95	-17.87	21.49	326
10025	6.31	-19.74	20.72	342	11025	9.71	-20.82	22.98	335	12025	12.13	-17.76	21.50	325
10050	6.26	-20.14	21.09	343	11050	9.83	-20.42	22.66	334	12050	12.37	-17.65	21.55	325
10075	6.15	-20.44	21.34	343	11075	9.80	-20.32	22.56	334	12075	12.48	-17.61	21.58	324
10100	5.74	-20.56	21.35	344	11100	10.05	-20.26	22.62	333	12100	12.58	-17.53	21.58	324
10125	5.60	-20.83	21.57	345	11125	10.38	-20.13	22.65	333	12125	12.73	-17.51	21.64	324
10150	5.56	-21.00	21.73	345	11150	10.50	-19.99	22.58	332	12150	12.83	-17.49	21.69	324
10175	5.52	-20.89	21.61	345	11175	10.66	-19.91	22.59	332	12175	12.99	-17.36	21.68	323
10200	5.59	-20.72	21.46	345	11200	11.12	-20.01	22.89	331	12200	12.80	-17.20	21.44	323
10225	5.79	-20.57	21.37	344	11225	11.54	-19.84	22.95	330	12225	12.46	-17.15	21.20	324
10250	5.78	-20.27	21.07	344	11250	11.38	-19.60	22.67	330	12250	12.15	-17.19	21.05	325
10275	5.71	-20.32	21.10	344	11275	11.21	-19.51	22.51	330	12275	11.89	-17.04	20.78	325
10300	5.82	-20.33	21.15	344	11300	10.78	-19.44	22.22	331	12300	11.81	-17.04	20.73	325

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-107 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2936 05/10/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12325	11.60	-16.91	20.50	325	13325	4.90	-26.56	27.01	349	14325	6.48	-17.03	18.22	339
12350	11.54	-16.44	20.08	325	13350	4.57	-26.79	27.17	350	14350	7.63	-16.98	18.62	336
12375	11.46	-16.46	20.06	325	13375	4.61	-27.02	27.41	350	14375	7.28	-17.01	18.50	337
12400	11.56	-16.33	20.01	324	13400	4.50	-26.96	27.33	350	14400	6.95	-16.97	18.34	338
12425	11.83	-16.08	19.96	323	13425	4.26	-26.22	26.56	351	14425	7.47	-16.76	18.36	336
12450	11.87	-16.12	20.02	323	13450	4.72	-24.84	25.28	349	14450	7.97	-16.48	18.30	334
12475	12.02	-15.95	19.97	323	13475	5.42	-23.76	24.36	347	14475	8.30	-16.44	18.42	333
12500	12.17	-15.85	19.99	322	13500	6.28	-23.02	23.86	345	14500	8.71	-16.40	18.57	332
12525	12.61	-15.54	20.02	321	13525	7.47	-22.09	23.32	341	14525	8.76	-16.40	18.59	332
12550	13.23	-15.18	20.14	319	13550	9.48	-20.92	22.97	335	14550	8.66	-16.35	18.51	332
12575	13.91	-15.34	20.70	318	13575	10.91	-19.89	22.69	331	14575	8.70	-16.14	18.34	331
12600	14.32	-15.52	21.12	317	13600	11.58	-18.85	22.12	328	14600	9.06	-15.89	18.29	330
12625	14.29	-15.77	21.28	318	13625	12.61	-18.17	22.12	325	14625	9.74	-15.66	18.44	328
12650	14.29	-15.96	21.43	318	13650	13.67	-17.46	22.18	322	14650	10.37	-15.78	18.88	327
12675	14.06	-16.30	21.53	319	13675	15.21	-16.46	22.41	317	14675	10.65	-16.03	19.25	326
12700	13.88	-16.90	21.87	320	13700	15.85	-15.92	22.47	315	14700	11.25	-16.16	19.69	325
12725	13.74	-16.95	21.82	321	13725	15.18	-16.17	22.18	317	14725	11.25	-16.19	19.72	325
12750	13.61	-17.16	21.90	321	13750	14.38	-16.60	21.97	319	14750	11.61	-16.55	20.22	325
12775	13.40	-17.45	22.00	322	13775	13.66	-16.98	21.79	321	14775	12.75	-16.96	21.22	323
12800	12.79	-17.63	21.78	324	13800	13.21	-16.96	21.50	322	14800	13.20	-16.78	21.35	322
12825	12.40	-18.01	21.86	325	13825	12.65	-16.95	21.15	323	14825	12.83	-16.52	20.91	322
12850	12.50	-18.57	22.39	326	13850	11.63	-17.34	20.88	326	14850	12.57	-16.26	20.55	322
12875	12.34	-19.68	23.23	328	13875	11.09	-18.07	21.20	328	14875	12.82	-15.89	20.42	321
12900	11.78	-20.60	23.73	330	13900	11.21	-18.13	21.32	328	14900	12.94	-15.97	20.56	321
12925	11.38	-21.44	24.27	332	13925	11.23	-17.72	20.99	327	14925	12.65	-15.84	20.27	321
12950	10.69	-22.63	25.03	335	13950	10.95	-17.75	20.86	328	14950	12.69	-15.35	19.91	320
12975	10.43	-23.56	25.77	336	13975	9.70	-17.77	20.24	331	14975	12.65	-15.24	19.81	320
13000	10.40	-23.90	26.07	336	14000	9.05	-17.89	20.05	333	15000	12.62	-15.29	19.82	320
13025	10.03	-23.82	25.84	337	14025	8.50	-18.46	20.32	335	15025	12.77	-14.89	19.61	319
13050	9.88	-23.95	25.91	337	14050	7.30	-19.55	20.87	339	15050	12.69	-14.72	19.43	319
13075	9.31	-24.57	26.28	339	14075	6.71	-20.01	21.10	341	15075	12.85	-14.66	19.49	319
13100	8.98	-24.94	26.51	340	14100	6.69	-19.87	20.97	341	15100	13.00	-14.54	19.50	318
13125	8.87	-25.02	26.59	341	14125	6.14	-19.96	20.88	343	15125	13.24	-14.50	19.65	317
13150	8.20	-24.90	26.21	342	14150	5.83	-19.75	20.59	343	15150	13.63	-14.36	19.80	316
13175	7.73	-24.99	26.16	343	14175	5.66	-19.81	20.60	344	15175	13.74	-14.33	19.86	316
13200	7.10	-25.28	26.26	344	14200	5.31	-19.72	20.43	345	15200	14.24	-14.13	20.06	315
13225	6.53	-25.48	26.30	345	14225	5.21	-19.29	19.98	345	15225	14.35	-13.99	20.04	314
13250	6.25	-25.99	26.73	346	14250	4.67	-18.69	19.26	346	15250	14.60	-14.51	20.59	315
13275	5.60	-26.53	27.12	348	14275	4.90	-17.91	18.57	345	15275	14.74	-15.32	21.26	316
13300	5.02	-26.64	27.11	349	14300	5.42	-17.45	18.27	343	15300	14.43	-15.51	21.19	317

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2936 05/10/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15325	14.62	-14.91	20.88	315										
15350	14.12	-14.75	20.41	316										
15375	13.64	-15.25	20.46	318										
15400	13.70	-16.38	21.35	320										
15425	12.94	-16.90	21.28	322										
15450	12.21	-16.33	20.39	323										
15475	11.51	-15.77	19.52	324										
15500	10.37	-15.10	18.32	325										
15525	9.83	-14.80	17.77	326										
15550	8.88	-14.16	16.71	328										
15575	8.49	-13.64	16.06	328										
15600	8.32	-13.52	15.88	328										
15625	7.95	-12.62	14.92	328										
15650	8.15	-11.83	14.37	325										
15675	8.25	-11.36	14.04	324										
15700	8.72	-10.80	13.88	321										
15725	9.19	-10.34	13.83	318										
15750	9.29	-9.80	13.51	316										
15775	9.61	-9.71	13.66	315										
15800	9.52	-10.41	14.11	317										
15825	8.87	-11.49	14.52	322										
15850	8.28	-12.52	15.01	326										
15875	7.95	-13.03	15.26	328										
15900	8.10	-12.94	15.27	328										
15925	8.57	-12.78	15.39	326										
15950	8.80	-12.64	15.40	325										
15975	8.64	-12.74	15.39	326										
16000	8.82	-12.69	15.45	325										
16025	9.34	-13.01	16.02	324										
16050	9.31	-13.59	16.47	325										
16075	8.09	-14.59	16.68	331										
16100	6.79	-14.93	16.41	335										
16125	5.90	-14.05	15.24	337										
16150	4.92	-13.20	14.09	339										
16175	4.82	-12.94	13.81	339										
16200	5.16	-12.76	13.77	338										
16225	5.75	-12.73	13.96	335										
16250	5.98	-12.64	13.98	334										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-108

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2937 05/11/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
325	-6.96	2.21	7.32	107	1325	-4.52	-0.60	4.56	82	2325	-0.97	-0.38	1.04	69
350	-6.48	1.94	6.76	106	1350	-4.30	-0.67	4.35	81	2350	-0.98	-0.36	1.05	69
375	-6.15	1.85	6.42	107	1375	-3.86	-0.61	3.91	81	2375	-1.05	-0.36	1.11	71
400	-5.91	1.79	6.17	107	1400	-3.55	-0.63	3.60	80	2400	-1.18	-0.36	1.23	73
425	-5.92	1.63	6.14	105	1425	-3.31	-0.93	3.44	74	2425	-1.46	-0.62	1.59	67
450	-5.99	1.45	6.16	103	1450	-3.26	-1.27	3.50	69	2450	-1.77	-1.20	2.14	56
475	-5.98	1.40	6.14	103	1475	-3.27	-1.62	3.65	63	2475	-2.01	-1.61	2.57	51
500	-6.10	1.44	6.27	103	1500	-3.16	-1.95	3.72	58	2500	-2.09	-1.64	2.65	52
525	-6.29	1.29	6.42	101	1525	-3.16	-2.14	3.82	56	2525	-1.91	-1.71	2.56	48
550	-6.32	1.00	6.40	99	1550	-3.16	-2.14	3.82	56	2550	-1.88	-1.93	2.70	44
575	-6.24	0.72	6.28	96	1575	-3.13	-2.03	3.73	57	2575	-2.06	-2.13	2.97	44
600	-6.00	0.55	6.03	95	1600	-3.15	-1.86	3.66	59	2600	-2.22	-2.31	3.20	44
625	-5.84	0.42	5.86	94	1625	-3.23	-1.66	3.63	63	2625	-2.30	-2.33	3.27	44
650	-5.77	0.35	5.78	93	1650	-3.27	-1.39	3.55	67	2650	-2.31	-2.35	3.29	44
675	-5.66	0.53	5.68	95	1675	-3.28	-0.89	3.40	75	2675	-2.43	-2.56	3.53	43
700	-5.51	0.84	5.58	99	1700	-3.25	-0.45	3.28	82	2700	-2.64	-2.84	3.88	43
725	-5.26	1.03	5.36	101	1725	-3.08	-0.30	3.09	84	2725	-2.67	-3.15	4.13	40
750	-4.95	1.11	5.07	102	1750	-2.94	-0.32	2.95	84	2750	-2.56	-3.51	4.35	36
775	-4.68	0.99	4.78	102	1775	-2.91	-0.47	2.95	81	2775	-2.53	-3.68	4.47	34
800	-4.58	0.84	4.66	100	1800	-2.72	-0.81	2.83	73	2800	-2.50	-3.75	4.50	33
825	-4.37	0.65	4.42	98	1825	-2.32	-1.15	2.59	63	2825	-2.42	-3.97	4.66	31
850	-4.17	0.42	4.19	96	1850	-2.05	-1.22	2.38	59	2850	-2.49	-3.97	4.68	32
875	-4.26	0.53	4.29	97	1875	-1.81	-1.15	2.15	57	2875	-2.70	-3.66	4.54	36
900	-4.42	0.67	4.47	98	1900	-1.55	-1.35	2.05	49	2900	-2.93	-3.52	4.57	40
925	-4.46	0.82	4.53	100	1925	-1.48	-1.69	2.25	41	2925	-2.97	-3.35	4.48	41
950	-4.45	1.08	4.58	103	1950	-1.58	-1.96	2.52	39	2950	-2.82	-3.02	4.13	43
975	-4.54	1.25	4.71	105	1975	-2.02	-2.09	2.91	44	2975	-2.45	-2.96	3.84	39
1000	-4.56	1.42	4.78	107	2000	-2.43	-2.04	3.18	50	3000	-2.01	-3.07	3.67	33
1025	-4.63	1.41	4.84	107	2025	-2.54	-1.95	3.20	52	3025	-1.66	-3.19	3.59	27
1050	-4.85	1.15	4.98	103	2050	-2.56	-1.80	3.13	55	3050	-1.34	-3.34	3.60	22
1075	-4.81	0.67	4.86	98	2075	-2.50	-1.64	2.99	57	3075	-1.26	-3.31	3.54	21
1100	-4.62	0.23	4.63	93	2100	-2.23	-1.45	2.66	57	3100	-1.20	-3.18	3.39	20
1125	-4.56	0.03	4.56	90	2125	-1.91	-1.41	2.37	53	3125	-1.22	-3.16	3.38	21
1150	-4.48	-0.07	4.48	89	2150	-1.70	-1.60	2.33	46	3150	-1.43	-3.41	3.70	23
1175	-4.47	-0.20	4.47	87	2175	-1.71	-1.67	2.39	45	3175	-1.62	-3.73	4.07	23
1200	-4.48	-0.33	4.49	86	2200	-1.83	-1.59	2.42	49	3200	-1.84	-3.87	4.29	25
1225	-4.53	-0.36	4.55	85	2225	-1.73	-1.54	2.31	48	3225	-2.04	-3.97	4.46	27
1250	-4.63	-0.34	4.65	86	2250	-1.42	-1.35	1.96	46	3250	-2.08	-4.18	4.67	26
1275	-4.63	-0.32	4.64	86	2275	-1.13	-0.77	1.36	56	3275	-1.99	-4.37	4.80	24
1300	-4.57	-0.43	4.59	84	2300	-1.01	-0.40	1.09	68	3300	-2.08	-4.35	4.82	25

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2937 05/11/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3325	-2.20	-4.41	4.92	26	4325	-3.56	-4.83	6.00	36	5325	-6.39	-3.82	7.44	59
3350	-2.13	-4.48	4.97	25	4350	-3.65	-4.82	6.04	37	5350	-6.16	-3.98	7.33	57
3375	-2.12	-4.47	4.94	25	4375	-3.77	-4.82	6.12	38	5375	-5.99	-4.21	7.32	55
3400	-2.14	-4.60	5.08	25	4400	-3.79	-4.71	6.04	39	5400	-5.86	-4.53	7.41	52
3425	-2.12	-4.73	5.18	24	4425	-3.59	-4.84	6.03	36	5425	-5.44	-4.92	7.34	48
3450	-2.15	-4.75	5.21	24	4450	-3.46	-4.93	6.02	35	5450	-5.10	-5.23	7.31	44
3475	-2.15	-4.80	5.26	24	4475	-3.23	-4.83	5.81	34	5475	-5.11	-5.34	7.39	44
3500	-2.09	-4.81	5.24	23	4500	-2.89	-4.78	5.59	31	5500	-5.12	-5.38	7.43	43
3525	-2.20	-4.77	5.25	25	4525	-2.76	-4.61	5.37	31	5525	-5.19	-5.50	7.56	43
3550	-2.31	-4.68	5.22	26	4550	-2.72	-4.49	5.25	31	5550	-5.44	-5.60	7.80	44
3575	-2.47	-4.54	5.17	28	4575	-2.72	-4.53	5.28	31	5575	-5.59	-5.48	7.83	45
3600	-2.53	-4.59	5.24	29	4600	-2.64	-4.63	5.33	30	5600	-5.69	-5.52	7.93	46
3625	-2.61	-4.87	5.52	28	4625	-2.55	-4.75	5.39	28	5625	-5.61	-5.75	8.03	44
3650	-2.96	-5.06	5.86	30	4650	-2.70	-4.79	5.50	29	5650	-5.48	-5.94	8.08	42
3675	-3.24	-5.26	6.18	31	4675	-3.10	-4.74	5.66	33	5675	-5.51	-6.22	8.30	41
3700	-3.24	-5.53	6.41	30	4700	-3.65	-4.59	5.86	38	5700	-5.65	-6.41	8.54	41
3725	-3.00	-5.42	6.20	29	4725	-4.03	-4.42	5.98	42	5725	-5.87	-6.44	8.71	42
3750	-2.56	-5.19	5.79	26	4750	-4.16	-4.49	6.13	43	5750	-6.10	-6.46	8.88	43
3775	-2.14	-5.13	5.56	22	4775	-4.24	-4.72	6.35	42	5775	-6.24	-6.52	9.02	44
3800	-1.88	-5.07	5.41	20	4800	-4.20	-4.91	6.46	40	5800	-6.25	-6.58	9.07	43
3825	-2.06	-4.84	5.26	23	4825	-4.17	-4.91	6.44	40	5825	-6.00	-6.72	9.01	42
3850	-2.72	-4.71	5.44	30	4850	-4.30	-4.89	6.51	41	5850	-5.47	-6.84	8.76	38
3875	-3.30	-4.74	5.78	35	4875	-4.53	-5.05	6.78	42	5875	-4.79	-7.08	8.54	34
3900	-3.56	-4.68	5.88	37	4900	-4.83	-5.16	7.07	43	5900	-4.18	-7.49	8.58	29
3925	-3.67	-4.64	5.92	38	4925	-4.92	-5.24	7.19	43	5925	-3.62	-7.74	8.54	25
3950	-3.85	-4.58	5.98	40	4950	-4.90	-5.32	7.23	42	5950	-3.18	-7.96	8.57	22
3975	-3.99	-4.42	5.95	42	4975	-4.82	-5.29	7.16	42	5975	-2.97	-8.07	8.60	20
4000	-3.93	-4.23	5.77	43	5000	-4.65	-5.16	6.94	42	6000	-2.64	-8.29	8.70	17
4025	-3.96	-4.29	5.84	42	5025	-4.63	-4.79	6.66	44	6025	-2.35	-8.69	9.00	15
4050	-3.97	-4.31	5.86	42	5050	-4.84	-4.33	6.50	48	6050	-2.19	-9.01	9.27	13
4075	-4.00	-4.04	5.68	45	5075	-5.19	-4.03	6.57	52	6075	-2.00	-9.30	9.52	12
4100	-4.14	-3.94	5.72	46	5100	-5.59	-3.72	6.71	56	6100	-1.67	-9.66	9.81	10
4125	-4.16	-4.03	5.79	46	5125	-5.87	-3.44	6.81	59	6125	-1.33	-9.96	10.05	7
4150	-4.13	-4.04	5.78	45	5150	-5.96	-3.25	6.79	61	6150	-1.14	-10.28	10.34	6
4175	-4.11	-4.02	5.75	45	5175	-5.84	-3.08	6.60	62	6175	-1.22	-10.60	10.67	6
4200	-4.00	-4.20	5.80	43	5200	-5.69	-2.98	6.43	62	6200	-1.25	-10.92	10.99	6
4225	-3.75	-4.42	5.80	40	5225	-5.64	-3.04	6.41	61	6225	-1.12	-11.40	11.45	5
4250	-3.55	-4.60	5.81	37	5250	-5.78	-3.35	6.69	60	6250	-1.04	-11.85	11.89	5
4275	-3.49	-4.80	5.93	36	5275	-6.03	-3.62	7.03	59	6275	-0.96	-12.18	12.22	4
4300	-3.50	-4.88	6.01	35	5300	-6.23	-3.71	7.25	59	6300	-0.77	-12.17	12.19	3

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2937 05/11/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6325	-0.76	-11.92	11.94	3	7325	-1.77	-10.52	10.67	9	8325	-0.78	-13.63	13.66	3
6350	-0.67	-11.56	11.58	3	7350	-1.30	-10.58	10.66	7	8350	-1.32	-13.72	13.79	5
6375	-0.21	-10.90	10.90	1	7375	-0.90	-10.56	10.60	5	8375	-1.89	-13.70	13.83	8
6400	-0.13	-10.33	10.33	1	7400	-0.65	-10.49	10.51	3	8400	-1.99	-13.72	13.86	8
6425	-0.11	-10.05	10.05	0	7425	-0.10	-10.58	10.58	0	8425	-1.65	-13.80	13.90	7
6450	0.13	-9.86	9.86	359	7450	0.28	-10.76	10.77	358	8450	-1.61	-13.89	13.98	6
6475	0.23	-9.73	9.73	358	7475	0.53	-10.94	10.95	357	8475	-1.46	-13.96	14.03	6
6500	0.20	-9.62	9.63	359	7500	0.73	-11.02	11.05	356	8500	-1.27	-14.23	14.29	5
6525	0.20	-9.56	9.56	359	7525	0.44	-10.98	10.99	358	8525	-0.81	-14.43	14.46	3
6550	0.06	-9.61	9.61	359	7550	0.03	-11.09	11.09	360	8550	-0.14	-14.47	14.47	0
6575	-0.32	-9.54	9.54	2	7575	-0.22	-11.56	11.56	1	8575	0.04	-14.79	14.79	360
6600	-0.63	-9.46	9.48	4	7600	-0.29	-11.89	11.90	1	8600	0.07	-15.08	15.08	360
6625	-0.99	-9.33	9.38	6	7625	-0.41	-12.04	12.05	2	8625	0.06	-15.10	15.10	360
6650	-1.55	-9.12	9.25	9	7650	-0.41	-12.09	12.10	2	8650	0.25	-15.07	15.08	359
6675	-1.81	-9.08	9.26	11	7675	-0.19	-12.04	12.04	1	8675	0.51	-15.16	15.17	358
6700	-1.66	-9.07	9.22	10	7700	-0.10	-12.06	12.06	0	8700	0.58	-15.35	15.37	358
6725	-1.44	-9.02	9.14	9	7725	-0.09	-12.16	12.16	0	8725	0.62	-15.55	15.56	358
6750	-1.40	-9.06	9.17	9	7750	-0.06	-12.18	12.18	0	8750	0.55	-15.58	15.59	358
6775	-1.56	-9.20	9.33	9	7775	-0.08	-12.27	12.27	0	8775	0.55	-15.68	15.69	358
6800	-1.66	-9.32	9.47	10	7800	-0.12	-12.30	12.30	0	8800	0.75	-15.56	15.58	357
6825	-1.59	-9.49	9.63	9	7825	-0.10	-12.22	12.22	0	8825	0.98	-15.31	15.35	356
6850	-1.47	-9.69	9.80	8	7850	-0.09	-12.30	12.30	0	8850	1.10	-15.24	15.28	356
6875	-1.50	-9.74	9.85	9	7875	-0.13	-12.43	12.43	0	8875	1.21	-15.26	15.31	355
6900	-1.52	-9.84	9.96	9	7900	-0.24	-12.48	12.48	1	8900	1.39	-15.48	15.54	355
6925	-1.37	-9.89	9.99	8	7925	-0.32	-12.40	12.40	1	8925	1.76	-15.33	15.43	353
6950	-1.29	-9.81	9.89	7	7950	-0.26	-12.22	12.22	1	8950	1.99	-15.54	15.67	352
6975	-1.35	-9.86	9.95	8	7975	-0.18	-12.14	12.14	1	8975	1.87	-16.05	16.15	353
7000	-1.38	-9.93	10.03	8	8000	-0.17	-12.34	12.34	1	9000	1.71	-16.11	16.20	354
7025	-1.39	-10.02	10.11	8	8025	-0.24	-12.36	12.36	1	9025	1.67	-16.14	16.23	354
7050	-1.31	-10.00	10.08	7	8050	-0.49	-12.38	12.39	2	9050	1.62	-16.08	16.16	354
7075	-1.10	-10.09	10.15	6	8075	-0.81	-12.66	12.69	3	9075	1.61	-15.92	16.00	354
7100	-0.97	-10.27	10.31	5	8100	-0.75	-12.89	12.91	3	9100	1.63	-15.77	15.86	354
7125	-1.02	-10.33	10.38	5	8125	-0.56	-12.98	13.00	2	9125	1.64	-15.83	15.92	354
7150	-1.19	-10.39	10.45	6	8150	-0.38	-13.03	13.04	1	9150	1.68	-15.90	15.99	354
7175	-1.38	-10.45	10.54	7	8175	-0.33	-13.01	13.01	0	9175	1.74	-15.81	15.91	354
7200	-1.56	-10.41	10.52	8	8200	0.42	-12.97	12.98	358	9200	1.88	-15.66	15.77	353
7225	-2.06	-10.45	10.65	11	8225	0.72	-13.01	13.03	357	9225	2.11	-15.41	15.55	352
7250	-2.50	-10.51	10.81	13	8250	0.65	-13.13	13.14	357	9250	2.23	-15.25	15.41	351
7275	-2.40	-10.48	10.75	13	8275	0.33	-13.30	13.31	358	9275	2.23	-15.38	15.54	352
7300	-2.05	-10.49	10.69	11	8300	-0.18	-13.44	13.44	1	9300	2.15	-15.49	15.64	352

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2937 05/11/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9325	2.11	-15.54	15.68	352	10325	6.18	-13.64	14.97	335	11325	7.32	-16.51	18.06	336
9350	2.06	-15.64	15.77	352	10350	6.31	-13.44	14.85	335	11350	7.31	-16.74	18.27	336
9375	2.09	-15.68	15.82	352	10375	6.50	-13.55	15.03	334	11375	6.96	-17.04	18.41	338
9400	2.24	-15.63	15.79	352	10400	6.62	-13.59	15.12	334	11400	6.50	-17.19	18.38	339
9425	2.22	-15.64	15.79	352	10425	6.65	-13.43	14.99	333	11425	6.19	-17.31	18.38	340
9450	2.28	-15.58	15.75	351	10450	6.96	-13.46	15.15	332	11450	6.02	-17.53	18.53	341
9475	2.39	-15.43	15.61	351	10475	7.24	-13.70	15.49	332	11475	5.85	-17.59	18.54	341
9500	2.32	-15.48	15.66	351	10500	6.88	-13.81	15.43	333	11500	5.67	-17.71	18.59	342
9525	2.34	-15.45	15.63	351	10525	6.32	-14.11	15.46	336	11525	5.67	-17.68	18.57	342
9550	2.59	-15.21	15.43	350	10550	5.74	-14.55	15.64	338	11550	5.74	-17.74	18.64	342
9575	2.86	-15.04	15.31	349	10575	5.18	-14.80	15.68	341	11575	5.65	-18.00	18.87	342
9600	2.99	-14.81	15.11	348	10600	4.87	-14.83	15.61	342	11600	5.62	-17.99	18.85	342
9625	3.14	-14.58	14.91	348	10625	4.84	-14.76	15.53	342	11625	5.69	-18.28	19.15	343
9650	3.27	-14.35	14.71	347	10650	5.04	-14.66	15.50	341	11650	5.87	-18.71	19.61	342
9675	3.47	-14.35	14.76	346	10675	4.96	-14.66	15.47	341	11675	6.13	-18.83	19.80	342
9700	3.63	-14.44	14.89	346	10700	4.72	-14.79	15.52	342	11700	6.21	-19.06	20.04	342
9725	3.86	-14.48	14.99	345	10725	5.11	-14.59	15.45	341	11725	6.35	-19.43	20.44	342
9750	3.94	-14.64	15.16	345	10750	5.69	-14.54	15.62	338	11750	6.46	-20.00	21.02	342
9775	3.93	-14.56	15.08	345	10775	5.70	-14.59	15.66	338	11775	6.59	-20.34	21.38	342
9800	4.35	-14.56	15.20	343	10800	5.50	-14.37	15.39	339	11800	6.64	-20.50	21.55	342
9825	4.57	-14.68	15.37	342	10825	5.56	-14.03	15.09	338	11825	6.60	-20.75	21.78	342
9850	4.51	-14.84	15.51	343	10850	6.03	-14.11	15.35	337	11850	6.72	-20.98	22.03	342
9875	4.41	-14.75	15.40	343	10875	6.57	-14.54	15.95	335	11875	6.85	-21.23	22.31	342
9900	4.34	-14.47	15.11	343	10900	6.76	-14.65	16.14	335	11900	6.89	-21.68	22.75	342
9925	4.63	-14.53	15.25	342	10925	7.02	-14.79	16.37	334	11925	6.81	-21.95	22.99	343
9950	4.76	-14.71	15.46	342	10950	7.53	-15.02	16.80	333	11950	6.79	-22.26	23.27	343
9975	4.44	-14.67	15.33	343	10975	7.82	-15.20	17.09	333	11975	6.71	-22.35	23.34	343
10000	4.33	-14.52	15.16	343	11000	8.00	-15.50	17.44	333	12000	6.56	-22.23	23.18	343
10025	4.33	-14.50	15.13	343	11025	8.16	-15.58	17.58	332	12025	6.33	-22.49	23.37	344
10050	4.33	-14.53	15.16	343	11050	8.18	-15.39	17.43	332	12050	6.13	-22.75	23.56	345
10075	4.43	-14.48	15.15	343	11075	8.27	-15.50	17.57	332	12075	5.90	-23.05	23.79	345
10100	4.60	-14.44	15.16	342	11100	8.34	-15.82	17.88	332	12100	5.43	-23.17	23.80	347
10125	4.71	-14.37	15.12	342	11125	8.20	-16.02	17.99	333	12125	5.05	-23.51	24.05	348
10150	4.88	-14.39	15.19	341	11150	7.92	-16.01	17.86	333	12150	4.69	-23.86	24.32	349
10175	5.09	-14.34	15.22	340	11175	7.54	-15.97	17.66	335	12175	4.27	-23.65	24.03	350
10200	5.11	-14.31	15.19	340	11200	7.16	-15.98	17.51	336	12200	3.84	-23.33	23.64	350
10225	5.25	-14.25	15.18	340	11225	7.08	-16.01	17.51	336	12225	3.52	-23.13	23.40	351
10250	5.58	-13.95	15.03	338	11250	7.08	-16.07	17.56	336	12250	3.52	-22.92	23.19	351
10275	5.79	-13.81	14.97	337	11275	7.05	-16.18	17.65	336	12275	3.19	-22.72	22.94	352
10300	5.99	-13.81	15.05	336	11300	7.15	-16.31	17.81	336	12300	2.68	-22.48	22.64	353

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-108 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2937 05/11/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12325	2.00	-22.54	22.62	355	13325	6.04	-13.77	15.04	336	14325	15.16	-5.62	16.17	290
12350	1.16	-22.71	22.73	357	13350	5.91	-14.01	15.21	337	14350	15.52	-5.57	16.49	290
12375	0.81	-22.39	22.40	358	13375	5.74	-14.48	15.58	338	14375	16.01	-5.77	17.02	290
12400	0.69	-22.01	22.02	358	13400	5.61	-13.98	15.07	338	14400	16.63	-6.22	17.75	290
12425	1.08	-21.76	21.78	357	13425	5.55	-13.71	14.79	338	14425	16.73	-6.77	18.05	292
12450	1.63	-21.50	21.56	355	13450	5.53	-14.30	15.34	339	14450	16.95	-7.35	18.47	293
12475	1.88	-20.84	20.93	355	13475	5.62	-14.47	15.52	339	14475	17.39	-7.80	19.06	294
12500	2.34	-19.82	19.96	353	13500	5.36	-14.57	15.52	340	14500	17.49	-8.28	19.35	295
12525	2.95	-19.09	19.31	351	13525	4.96	-14.72	15.53	341	14525	17.49	-8.57	19.47	296
12550	3.70	-18.54	18.91	349	13550	5.07	-14.91	15.75	341	14550	17.38	-8.54	19.37	296
12575	4.24	-18.03	18.53	347	13575	5.14	-14.86	15.72	341	14575	17.35	-8.21	19.19	295
12600	4.48	-17.71	18.27	346	13600	5.28	-14.19	15.14	339	14600	17.39	-8.64	19.41	296
12625	4.45	-17.65	18.21	346	13625	5.51	-13.16	14.27	337	14625	17.46	-9.74	19.99	299
12650	4.15	-17.57	18.05	347	13650	5.35	-12.46	13.56	337	14650	17.20	-10.69	20.25	302
12675	4.14	-17.29	17.78	346	13675	5.04	-12.43	13.41	338	14675	16.73	-11.56	20.34	304
12700	4.04	-16.92	17.39	346	13700	4.70	-12.51	13.36	339	14700	16.40	-12.09	20.37	306
12725	3.61	-16.63	17.01	348	13725	4.89	-12.15	13.09	338	14725	15.68	-12.14	19.83	308
12750	3.06	-16.52	16.80	349	13750	5.67	-11.69	12.99	334	14750	14.97	-12.44	19.47	310
12775	2.68	-16.09	16.31	350	13775	6.41	-11.53	13.20	331	14775	14.15	-12.70	19.01	312
12800	2.58	-15.57	15.78	350	13800	7.24	-11.73	13.79	328	14800	13.61	-12.04	18.18	311
12825	2.38	-15.75	15.93	351	13825	7.72	-11.78	14.08	327	14825	13.44	-11.23	17.51	310
12850	2.24	-15.95	16.11	352	13850	7.61	-11.55	13.83	326	14850	12.83	-11.07	16.94	311
12875	2.47	-15.74	15.93	351	13875	7.65	-11.60	13.90	326	14875	12.49	-11.38	16.90	312
12900	2.99	-15.61	15.90	349	13900	7.73	-11.84	14.14	327	14900	12.14	-11.78	16.92	314
12925	3.52	-15.40	15.79	347	13925	7.98	-11.73	14.18	326	14925	11.33	-12.07	16.56	317
12950	4.33	-14.71	15.34	343	13950	8.19	-11.27	13.93	324	14950	10.61	-12.75	16.59	320
12975	5.12	-14.47	15.35	340	13975	8.16	-10.83	13.56	323	14975	10.01	-13.59	16.88	323
13000	5.53	-14.61	15.62	339	14000	8.17	-10.22	13.09	321	15000	9.94	-13.84	17.04	324
13025	5.72	-14.30	15.41	338	14025	8.42	-9.90	13.00	319	15025	10.57	-13.50	17.14	322
13050	6.00	-13.84	15.08	336	14050	9.02	-9.58	13.16	317	15050	10.98	-13.19	17.17	320
13075	6.42	-13.68	15.11	335	14075	9.80	-8.67	13.09	311	15075	11.68	-13.04	17.50	318
13100	6.61	-13.57	15.10	334	14100	10.21	-8.44	13.25	309	15100	12.86	-12.76	18.11	315
13125	6.61	-13.29	14.84	333	14125	11.17	-7.85	13.65	305	15125	14.05	-12.65	18.91	312
13150	6.71	-13.30	14.90	333	14150	12.06	-7.22	14.06	301	15150	15.11	-12.21	19.43	309
13175	6.79	-13.41	15.03	333	14175	12.24	-6.98	14.09	299	15175	15.80	-11.85	19.75	307
13200	6.44	-13.50	14.96	334	14200	12.61	-6.66	14.26	298	15200	16.43	-12.21	20.47	306
13225	6.39	-13.69	15.10	335	14225	13.05	-6.66	14.65	297	15225	16.74	-12.44	20.85	306
13250	6.50	-13.58	15.05	334	14250	13.66	-6.57	15.16	295	15250	16.75	-12.72	21.03	307
13275	6.34	-13.52	14.93	335	14275	14.24	-6.26	15.55	294	15275	16.78	-12.95	21.20	307
13300	6.16	-13.78	15.09	336	14300	14.68	-5.88	15.82	292	15300	16.86	-13.26	21.45	308

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2937 05/11/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15325	17.17	-13.71	21.98	308	16325	0.77	-15.26	15.28	357					
15350	17.41	-13.72	22.17	308	16350	0.27	-15.00	15.00	359					
15375	16.94	-14.37	22.21	310	16375	-0.16	-14.57	14.57	0					
15400	15.87	-15.59	22.25	314	16400	-0.57	-14.18	14.19	2					
15425	14.52	-16.00	21.61	318	16425	-0.12	-13.88	13.88	0					
15450	13.19	-16.26	20.94	321	16450	0.40	-13.58	13.59	358					
15475	12.05	-16.45	20.39	324	16475	0.85	-13.70	13.73	356					
15500	11.23	-16.05	19.59	325	16500	1.71	-13.90	14.01	353					
15525	10.78	-15.76	19.09	325	16525	1.73	-13.61	13.72	353					
15550	10.06	-15.22	18.25	326	16550	1.94	-13.08	13.22	351					
15575	9.78	-14.64	17.60	326	16575	2.20	-12.60	12.79	350					
15600	8.95	-14.69	17.20	328	16600	2.25	-12.03	12.24	349					
15625	8.15	-14.78	16.88	331	16625	2.51	-11.36	11.63	347					
15650	7.93	-14.60	16.62	331	16650	3.09	-10.70	11.14	344					
15675	7.71	-14.17	16.13	331	16675	3.21	-10.46	10.94	343					
15700	7.72	-13.72	15.74	330	16700	2.99	-10.44	10.86	344					
15725	8.21	-13.51	15.81	329	16725	2.60	-10.59	10.90	346					
15750	8.25	-13.33	15.67	328	16750	1.80	-10.63	10.78	350					
15775	8.24	-12.33	14.83	326	16775	1.50	-10.75	10.85	352					
15800	8.49	-11.39	14.21	323	16800	1.63	-10.98	11.10	351					
15825	8.74	-11.82	14.70	323	16825	1.96	-11.07	11.24	350					
15850	9.35	-11.66	14.94	321	16850	1.80	-11.36	11.50	351					
15875	10.09	-11.19	15.07	318	16875	1.06	-11.84	11.89	355					
15900	10.74	-10.93	15.33	315	16900	0.63	-11.75	11.76	357					
15925	11.38	-10.85	15.72	313	16925	0.63	-11.11	11.13	357					
15950	11.76	-10.67	15.88	312	16950	0.56	-10.77	10.78	357					
15975	11.32	-10.78	15.63	313										
16000	10.76	-11.83	15.99	318										
16025	10.07	-12.30	15.90	320										
16050	9.56	-12.72	15.91	323										
16075	9.21	-13.28	16.16	325										
16100	9.17	-13.72	16.51	326										
16125	8.93	-14.19	16.77	328										
16150	7.64	-14.62	16.50	332										
16175	6.66	-14.89	16.31	336										
16200	4.76	-14.84	15.59	342										
16225	2.76	-14.67	14.93	349										
16250	1.52	-14.81	14.89	354										
16275	1.05	-14.89	14.92	356										
16300	1.09	-15.05	15.09	356										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2933 05/11/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
325	-0.74	-0.74	1.05	45	1325	-3.11	-0.13	3.11	87	2325	-3.34	-1.91	3.84	60
350	-0.78	-0.38	0.87	64	1350	-2.76	0.18	2.77	94	2350	-3.24	-1.61	3.61	63
375	-0.95	-0.03	0.95	88	1375	-2.22	0.69	2.32	107	2375	-3.12	-1.40	3.42	66
400	-0.94	0.01	0.94	90	1400	-1.67	1.04	1.97	122	2400	-3.02	-1.22	3.25	68
425	-1.01	-0.06	1.02	87	1425	-1.47	1.01	1.78	124	2425	-3.03	-1.09	3.22	70
450	-0.93	0.04	0.93	92	1450	-1.55	0.76	1.73	116	2450	-3.24	-1.13	3.43	71
475	-0.83	0.22	0.86	104	1475	-1.65	0.37	1.69	102	2475	-3.50	-1.11	3.67	72
500	-0.89	0.27	0.93	107	1500	-1.91	-0.11	1.92	87	2500	-3.70	-1.06	3.85	74
525	-1.10	0.37	1.16	108	1525	-2.35	-0.57	2.41	76	2525	-4.01	-1.16	4.17	74
550	-1.27	0.57	1.39	114	1550	-2.50	-0.82	2.63	72	2550	-4.26	-1.30	4.46	73
575	-1.33	0.82	1.56	122	1575	-2.57	-1.04	2.78	68	2575	-4.18	-1.41	4.41	71
600	-1.35	0.99	1.67	126	1600	-2.68	-1.26	2.96	65	2600	-3.97	-1.49	4.24	69
625	-1.24	0.98	1.58	128	1625	-2.65	-1.19	2.91	66	2625	-3.74	-1.51	4.04	68
650	-1.31	0.86	1.56	123	1650	-2.60	-0.93	2.76	70	2650	-3.53	-1.51	3.84	67
675	-1.32	0.73	1.51	119	1675	-2.60	-0.72	2.70	74	2675	-3.30	-1.51	3.63	65
700	-1.26	0.62	1.40	116	1700	-2.58	-0.60	2.65	77	2700	-3.00	-1.55	3.38	63
725	-1.27	0.47	1.36	110	1725	-2.59	-0.57	2.65	77	2725	-2.79	-1.49	3.16	62
750	-1.41	0.47	1.48	108	1750	-2.77	-0.59	2.83	78	2750	-2.73	-1.31	3.03	64
775	-1.69	0.82	1.88	116	1775	-2.86	-0.70	2.95	76	2775	-2.85	-1.16	3.08	68
800	-1.78	1.29	2.20	126	1800	-2.94	-0.85	3.06	74	2800	-2.99	-1.22	3.23	68
825	-1.66	1.72	2.39	136	1825	-2.97	-1.04	3.15	70	2825	-3.16	-1.26	3.40	68
850	-1.54	2.02	2.54	142	1850	-2.69	-1.40	3.03	62	2850	-3.49	-1.25	3.71	70
875	-1.63	2.22	2.75	143	1875	-2.41	-1.73	2.97	54	2875	-3.63	-1.24	3.84	71
900	-1.87	2.34	2.99	141	1900	-2.32	-1.89	3.00	51	2900	-3.41	-1.21	3.62	70
925	-2.08	2.46	3.22	140	1925	-2.51	-1.87	3.13	53	2925	-3.21	-1.31	3.47	68
950	-2.07	2.57	3.30	141	1950	-2.74	-1.90	3.33	55	2950	-3.25	-1.54	3.59	64
975	-2.32	2.60	3.48	138	1975	-2.91	-2.01	3.54	55	2975	-3.32	-1.59	3.68	64
1000	-2.74	2.53	3.73	133	2000	-2.94	-2.16	3.64	53	3000	-3.38	-1.25	3.60	69
1025	-2.72	2.47	3.68	132	2025	-3.05	-2.33	3.84	52	3025	-3.58	-1.01	3.72	74
1050	-2.66	2.29	3.50	131	2050	-3.28	-2.36	4.04	54	3050	-3.76	-1.01	3.89	75
1075	-2.80	1.91	3.39	124	2075	-3.46	-2.38	4.20	55	3075	-3.90	-0.98	4.02	76
1100	-2.82	1.66	3.27	120	2100	-3.74	-2.45	4.47	57	3100	-4.11	-1.00	4.23	76
1125	-2.64	1.59	3.08	121	2125	-3.98	-2.56	4.73	57	3125	-4.40	-1.05	4.52	76
1150	-2.54	1.46	2.93	120	2150	-4.10	-2.69	4.90	57	3150	-4.73	-1.24	4.89	75
1175	-2.80	1.16	3.03	112	2175	-4.03	-2.73	4.87	56	3175	-5.12	-1.47	5.33	74
1200	-3.49	0.79	3.57	103	2200	-3.88	-2.82	4.80	54	3200	-5.36	-1.49	5.56	74
1225	-3.96	0.31	3.97	94	2225	-3.85	-2.85	4.79	53	3225	-5.29	-1.56	5.51	73
1250	-3.91	-0.13	3.91	88	2250	-3.73	-2.75	4.64	53	3250	-5.10	-1.83	5.42	70
1275	-3.61	-0.31	3.63	85	2275	-3.45	-2.51	4.27	54	3275	-4.76	-1.84	5.11	69
1300	-3.39	-0.30	3.40	85	2300	-3.34	-2.20	4.00	56	3300	-4.40	-1.67	4.70	69

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2933 05/11/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3325	-4.30	-1.72	4.63	68	4325	-4.39	-4.34	6.17	45	5325	-1.75	-11.69	11.82	8
3350	-4.31	-2.02	4.76	65	4350	-4.47	-4.80	6.56	43	5350	-1.49	-11.57	11.66	7
3375	-4.28	-2.41	4.91	60	4375	-4.41	-5.07	6.72	41	5375	-1.25	-11.27	11.34	6
3400	-4.28	-2.66	5.04	58	4400	-4.65	-5.30	7.05	41	5400	-1.18	-10.98	11.05	6
3425	-4.22	-2.92	5.13	55	4425	-4.86	-5.45	7.30	41	5425	-1.12	-10.76	10.82	6
3450	-4.18	-3.17	5.24	53	4450	-4.73	-5.39	7.17	41	5450	-0.82	-10.76	10.79	4
3475	-4.18	-3.05	5.18	54	4475	-4.61	-5.32	7.04	41	5475	-0.52	-10.97	10.98	3
3500	-4.16	-2.79	5.01	56	4500	-4.51	-5.38	7.02	40	5500	-0.38	-11.05	11.05	2
3525	-4.11	-2.67	4.90	57	4525	-4.45	-5.48	7.06	39	5525	-0.29	-10.97	10.98	1
3550	-4.01	-2.54	4.75	57	4550	-4.46	-5.67	7.22	38	5550	-0.21	-10.96	10.96	1
3575	-4.02	-2.56	4.76	57	4575	-4.57	-5.85	7.42	38	5575	-0.03	-11.04	11.04	0
3600	-3.97	-2.74	4.83	55	4600	-4.66	-5.81	7.45	39	5600	0.15	-11.02	11.02	359
3625	-3.73	-2.87	4.71	52	4625	-4.64	-5.57	7.24	40	5625	0.36	-10.96	10.97	358
3650	-3.47	-2.99	4.58	49	4650	-4.67	-5.38	7.13	41	5650	0.63	-10.99	11.01	357
3675	-3.14	-3.00	4.34	46	4675	-4.77	-5.38	7.19	41	5675	0.73	-11.04	11.06	356
3700	-2.80	-3.04	4.14	42	4700	-4.77	-5.48	7.27	41	5700	0.64	-11.16	11.17	357
3725	-2.68	-3.12	4.11	40	4725	-4.74	-5.69	7.41	40	5725	0.40	-11.36	11.37	358
3750	-2.77	-3.05	4.12	42	4750	-4.81	-5.74	7.49	40	5750	0.28	-11.58	11.58	358
3775	-2.80	-3.07	4.15	42	4775	-4.73	-5.86	7.53	39	5775	0.17	-11.81	11.81	359
3800	-2.85	-3.16	4.25	42	4800	-4.63	-6.09	7.65	37	5800	0.06	-12.15	12.15	360
3825	-2.97	-3.22	4.38	42	4825	-4.80	-6.19	7.83	38	5825	-0.07	-12.42	12.42	0
3850	-3.10	-3.26	4.50	43	4850	-5.00	-6.23	7.99	39	5850	-0.20	-12.72	12.72	1
3875	-3.38	-3.16	4.62	47	4875	-5.17	-6.34	8.18	39	5875	-0.17	-13.05	13.05	1
3900	-3.33	-2.92	4.43	48	4900	-5.33	-6.48	8.39	39	5900	-0.13	-13.40	13.40	0
3925	-3.03	-2.76	4.10	48	4925	-5.53	-6.54	8.56	40	5925	-0.15	-13.79	13.79	0
3950	-3.17	-2.80	4.23	48	4950	-5.58	-6.83	8.82	39	5950	-0.02	-14.11	14.11	0
3975	-3.66	-3.02	4.75	50	4975	-5.38	-7.14	8.94	37	5975	0.07	-14.35	14.35	360
4000	-3.94	-3.14	5.04	51	5000	-4.91	-7.34	8.83	34	6000	0.02	-14.36	14.36	360
4025	-3.97	-3.27	5.14	50	5025	-4.43	-7.45	8.66	31	6025	0.12	-14.15	14.15	359
4050	-4.14	-3.55	5.46	49	5050	-4.17	-7.45	8.54	29	6050	0.06	-14.11	14.11	360
4075	-4.46	-3.59	5.73	51	5075	-3.94	-7.69	8.64	27	6075	-0.18	-14.25	14.25	1
4100	-4.75	-3.32	5.80	55	5100	-3.68	-7.99	8.80	25	6100	-0.49	-14.37	14.38	2
4125	-5.03	-3.04	5.88	59	5125	-3.46	-8.46	9.14	22	6125	-0.84	-14.45	14.47	3
4150	-5.05	-3.00	5.87	59	5150	-3.54	-9.12	9.78	21	6150	-1.33	-14.34	14.40	5
4175	-4.81	-3.08	5.71	57	5175	-3.50	-9.44	10.07	20	6175	-1.75	-14.16	14.27	7
4200	-4.52	-3.34	5.62	53	5200	-3.01	-9.69	10.14	17	6200	-1.97	-14.00	14.14	8
4225	-4.43	-3.59	5.71	51	5225	-2.63	-10.42	10.74	14	6225	-2.46	-13.94	14.16	10
4250	-4.44	-3.48	5.64	52	5250	-2.54	-11.17	11.45	13	6250	-2.99	-13.84	14.16	12
4275	-4.33	-3.45	5.54	51	5275	-2.40	-11.53	11.77	12	6275	-3.31	-13.82	14.21	13
4300	-4.29	-3.82	5.74	48	5300	-2.09	-11.66	11.85	10	6300	-3.50	-13.79	14.22	14

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-109 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2933 05/11/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6325	-3.59	-13.68	14.14	14	7325	-0.40	-14.50	14.50	1	8325	-2.95	-16.07	16.34	10
6350	-3.71	-13.64	14.14	15	7350	-0.86	-15.13	15.15	3	8350	-3.03	-15.96	16.25	11
6375	-3.96	-13.55	14.12	16	7375	-1.11	-15.22	15.26	4	8375	-2.88	-15.88	16.14	10
6400	-4.11	-13.41	14.03	17	7400	-1.07	-15.14	15.18	4	8400	-3.00	-15.71	15.99	11
6425	-3.92	-13.27	13.83	16	7425	-1.14	-15.40	15.44	4	8425	-3.07	-15.97	16.26	11
6450	-3.39	-13.28	13.70	14	7450	-1.21	-15.64	15.69	4	8450	-3.11	-16.14	16.44	11
6475	-2.51	-13.14	13.38	11	7475	-1.37	-15.55	15.61	5	8475	-3.31	-16.04	16.38	11
6500	-1.68	-12.53	12.64	7	7500	-1.45	-15.45	15.52	5	8500	-3.52	-15.95	16.33	12
6525	-1.32	-11.88	11.95	6	7525	-1.45	-15.42	15.48	5	8525	-3.92	-15.77	16.25	14
6550	-1.65	-11.66	11.77	8	7550	-1.78	-15.38	15.48	6	8550	-4.07	-15.62	16.14	14
6575	-2.25	-11.58	11.80	11	7575	-2.09	-15.55	15.69	7	8575	-4.04	-15.53	16.05	14
6600	-2.79	-11.57	11.90	13	7600	-2.16	-15.70	15.85	8	8600	-4.46	-15.71	16.33	16
6625	-3.04	-11.95	12.33	14	7625	-2.22	-15.75	15.90	8	8625	-4.61	-16.00	16.65	16
6650	-2.81	-11.82	12.15	13	7650	-2.12	-15.66	15.81	8	8650	-4.32	-16.37	16.93	15
6675	-2.61	-12.05	12.33	12	7675	-1.98	-15.66	15.78	7	8675	-4.31	-16.67	17.22	14
6700	-2.60	-12.79	13.06	11	7700	-1.80	-15.72	15.82	6	8700	-4.14	-16.82	17.33	14
6725	-2.48	-12.98	13.21	11	7725	-1.60	-15.63	15.71	6	8725	-3.79	-17.03	17.44	12
6750	-2.34	-13.29	13.50	10	7750	-1.48	-15.53	15.60	5	8750	-3.57	-16.89	17.27	12
6775	-2.08	-13.45	13.61	9	7775	-1.20	-15.40	15.44	4	8775	-3.57	-16.55	16.93	12
6800	-1.64	-13.52	13.62	7	7800	-1.05	-15.42	15.46	4	8800	-3.96	-16.29	16.76	13
6825	-1.25	-13.71	13.77	5	7825	-1.21	-15.44	15.49	4	8825	-3.97	-16.26	16.74	14
6850	-0.86	-13.76	13.79	3	7850	-1.11	-15.65	15.69	4	8850	-3.84	-16.35	16.80	13
6875	-0.61	-13.72	13.74	2	7875	-1.08	-15.95	15.99	4	8875	-4.04	-16.38	16.87	14
6900	-0.73	-13.78	13.80	3	7900	-1.21	-16.00	16.05	4	8900	-4.05	-16.78	17.26	13
6925	-0.97	-13.81	13.84	4	7925	-1.13	-16.27	16.31	4	8925	-3.70	-17.39	17.78	12
6950	-1.01	-13.79	13.82	4	7950	-1.21	-16.81	16.85	4	8950	-3.82	-17.72	18.13	12
6975	-1.12	-13.72	13.76	4	7975	-1.39	-17.00	17.06	4	8975	-3.96	-18.10	18.53	12
7000	-1.39	-13.73	13.80	6	8000	-1.61	-16.86	16.94	5	9000	-3.16	-18.13	18.40	10
7025	-1.70	-13.83	13.93	7	8025	-1.79	-16.84	16.94	6	9025	-2.93	-17.92	18.16	9
7050	-1.90	-13.58	13.71	8	8050	-1.83	-16.95	17.05	6	9050	-3.00	-18.30	18.55	9
7075	-1.95	-13.42	13.56	8	8075	-2.15	-17.06	17.20	7	9075	-2.95	-18.57	18.80	9
7100	-2.10	-13.41	13.57	9	8100	-2.65	-16.97	17.18	9	9100	-3.11	-18.19	18.45	9
7125	-2.05	-13.43	13.59	8	8125	-2.93	-16.86	17.12	10	9125	-2.76	-17.98	18.19	9
7150	-2.12	-13.44	13.60	9	8150	-2.96	-16.91	17.17	10	9150	-2.65	-17.99	18.18	8
7175	-2.30	-13.32	13.52	10	8175	-2.99	-17.04	17.30	10	9175	-2.80	-18.04	18.26	9
7200	-1.85	-13.24	13.37	8	8200	-3.06	-17.11	17.39	10	9200	-2.72	-18.10	18.30	8
7225	-1.37	-13.21	13.28	6	8225	-2.97	-17.11	17.36	10	9225	-2.61	-18.13	18.32	8
7250	-1.11	-13.33	13.37	5	8250	-2.92	-16.86	17.11	10	9250	-2.33	-18.04	18.19	7
7275	-0.68	-13.66	13.68	3	8275	-2.87	-16.56	16.80	10	9275	-2.33	-17.73	17.88	7
7300	-0.33	-14.00	14.01	1	8300	-2.76	-16.39	16.62	9	9300	-2.29	-17.53	17.68	7

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2933 05/11/65, 1300Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9325	-1.90	-17.49	17.59	6	10325	-1.18	-17.75	17.79	4	11325	1.61	-14.54	14.63	353
9350	-1.95	-17.51	17.61	6	10350	-0.92	-17.56	17.59	3	11350	1.45	-13.86	13.93	354
9375	-2.09	-17.53	17.66	7	10375	-0.42	-17.47	17.47	1	11375	1.71	-13.28	13.39	352
9400	-2.10	-17.54	17.66	7	10400	0.45	-17.57	17.58	358	11400	2.15	-13.12	13.30	351
9425	-2.12	-17.64	17.77	7	10425	1.12	-17.58	17.62	356	11425	2.38	-13.29	13.50	350
9450	-1.77	-17.63	17.72	6	10450	1.22	-17.60	17.64	356	11450	2.55	-13.39	13.63	349
9475	-1.56	-17.45	17.52	5	10475	1.30	-17.71	17.76	356	11475	3.00	-13.04	13.38	347
9500	-1.68	-17.23	17.32	5	10500	1.56	-17.70	17.77	355	11500	3.18	-12.56	12.95	346
9525	-1.17	-17.07	17.11	4	10525	1.53	-17.57	17.64	355	11525	2.97	-12.18	12.54	346
9550	-0.86	-17.22	17.24	3	10550	1.24	-17.76	17.80	356	11550	3.18	-11.92	12.34	345
9575	-1.03	-17.41	17.44	3	10575	1.28	-17.70	17.74	356	11575	3.26	-11.92	12.36	345
9600	-0.83	-17.46	17.48	3	10600	1.26	-17.74	17.78	356	11600	3.19	-11.93	12.35	345
9625	-0.93	-17.49	17.51	3	10625	1.16	-17.93	17.97	356	11625	2.96	-11.57	11.95	345
9650	-1.43	-17.50	17.56	4	10650	1.23	-17.96	18.00	356	11650	2.38	-11.23	11.48	348
9675	-1.28	-17.73	17.77	4	10675	0.57	-17.66	17.67	358	11675	2.35	-11.16	11.41	348
9700	-1.13	-17.75	17.79	3	10700	0.09	-17.55	17.56	359	11700	2.21	-11.06	11.28	348
9725	-1.40	-17.67	17.73	4	10725	0.05	-17.67	17.67	360	11725	2.10	-10.89	11.09	349
9750	-1.48	-17.87	17.93	5	10750	-0.47	-17.71	17.72	1	11750	2.30	-11.09	11.32	348
9775	-1.34	-18.02	18.07	4	10775	-1.27	-17.68	17.73	4	11775	2.70	-11.32	11.64	346
9800	-1.27	-18.09	18.14	4	10800	-1.67	-17.14	17.22	5	11800	3.28	-11.27	11.73	344
9825	-1.06	-18.20	18.23	3	10825	-1.59	-17.38	17.46	5	11825	3.54	-11.08	11.63	342
9850	-0.72	-18.40	18.41	2	10850	-1.97	-17.77	17.88	6	11850	3.39	-10.89	11.41	342
9875	-0.88	-18.45	18.47	3	10875	-2.18	-17.94	18.07	7	11875	3.45	-10.83	11.36	342
9900	-1.34	-18.37	18.42	4	10900	-1.92	-18.02	18.12	6	11900	3.72	-11.24	11.84	341
9925	-1.37	-18.29	18.34	4	10925	-1.66	-17.74	17.82	5	11925	3.89	-12.04	12.65	342
9950	-1.37	-18.20	18.25	4	10950	-1.50	-17.31	17.38	5	11950	4.26	-12.59	13.29	341
9975	-1.66	-18.25	18.32	5	10975	-1.48	-16.92	16.98	5	11975	4.69	-12.98	13.80	340
10000	-1.66	-18.09	18.17	5	11000	-1.53	-16.63	16.71	5	12000	5.13	-13.07	14.04	338
10025	-1.45	-17.85	17.91	4	11025	-1.27	-16.38	16.43	4	12025	5.52	-13.10	14.21	337
10050	-1.27	-17.92	17.96	4	11050	-0.60	-16.31	16.32	2	12050	5.59	-13.23	14.36	337
10075	-1.21	-17.86	17.91	4	11075	-0.25	-16.10	16.10	1	12075	5.80	-13.50	14.70	337
10100	-1.41	-17.68	17.74	4	11100	-0.08	-15.65	15.65	0	12100	6.01	-13.69	14.95	336
10125	-1.63	-17.77	17.84	5	11125	0.54	-15.14	15.14	358	12125	5.86	-13.80	15.00	337
10150	-1.55	-17.93	17.99	5	11150	1.32	-14.83	14.89	355	12150	5.74	-13.79	14.94	337
10175	-1.46	-17.75	17.81	4	11175	1.41	-14.66	14.72	354	12175	5.72	-13.58	14.73	337
10200	-1.37	-17.76	17.81	4	11200	1.60	-14.80	14.89	354	12200	5.64	-13.29	14.44	337
10225	-1.56	-17.95	18.01	5	11225	2.06	-15.25	15.39	352	12225	5.59	-12.98	14.13	337
10250	-1.72	-17.86	17.94	5	11250	2.08	-15.55	15.69	352	12250	5.53	-12.89	14.02	337
10275	-1.50	-17.93	18.00	5	11275	1.96	-15.56	15.68	353	12275	5.32	-12.96	14.02	337
10300	-1.31	-17.88	17.93	4	11300	1.84	-15.12	15.24	353	12300	5.14	-12.83	13.82	338

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-109 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2933 05/11/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12325	5.06	-12.83	13.79	338	13325	5.88	-13.11	14.37	336	14325	7.59	-11.72	13.96	327
12350	5.06	-13.31	14.24	339	13350	6.61	-12.72	14.33	332	14350	8.71	-11.60	14.51	323
12375	5.00	-13.41	14.31	339	13375	6.97	-12.33	14.16	330	14375	9.75	-11.92	15.40	321
12400	4.90	-13.30	14.17	340	13400	7.40	-12.10	14.18	328	14400	9.39	-12.53	15.66	323
12425	4.87	-13.48	14.34	340	13425	7.73	-12.36	14.58	328	14425	10.20	-12.75	16.32	321
12450	4.85	-13.68	14.51	340	13450	8.18	-12.32	14.79	326	14450	11.02	-12.79	16.88	319
12475	5.34	-13.76	14.76	339	13475	8.64	-12.07	14.85	324	14475	10.40	-12.97	16.62	321
12500	5.33	-13.80	14.80	339	13500	8.13	-12.16	14.62	326	14500	9.75	-13.20	16.41	323
12525	5.10	-13.77	14.69	339	13525	7.47	-12.26	14.35	328	14525	9.37	-13.05	16.06	324
12550	5.50	-13.75	14.81	338	13550	7.35	-12.12	14.17	329	14550	8.92	-13.13	15.87	326
12575	5.61	-13.43	14.56	337	13575	8.12	-12.12	14.59	326	14575	7.67	-14.05	16.00	331
12600	6.11	-13.30	14.63	335	13600	8.44	-12.18	14.82	325	14600	6.91	-14.69	16.23	335
12625	6.30	-13.45	14.85	335	13625	9.36	-12.02	15.24	322	14625	6.61	-14.63	16.05	335
12650	6.03	-13.73	14.99	336	13650	10.10	-12.09	15.75	320	14650	5.47	-14.31	15.32	339
12675	6.48	-13.89	15.33	335	13675	9.20	-12.42	15.45	323	14675	5.15	-14.38	15.27	340
12700	6.88	-13.77	15.39	333	13700	9.07	-12.73	15.62	324	14700	4.99	-14.48	15.32	341
12725	6.86	-13.88	15.48	333	13725	9.11	-13.13	15.98	325	14725	5.09	-13.92	14.82	340
12750	7.04	-14.24	15.88	333	13750	8.59	-13.31	15.84	327	14750	5.17	-13.30	14.27	339
12775	6.87	-14.34	15.90	334	13775	8.40	-13.47	15.87	328	14775	4.11	-13.23	13.85	343
12800	6.79	-14.50	16.01	335	13800	8.27	-14.21	16.44	330	14800	3.64	-13.00	13.50	344
12825	6.74	-14.70	16.17	335	13825	8.44	-14.85	17.07	330	14825	4.65	-12.42	13.26	339
12850	6.49	-14.67	16.04	336	13850	8.22	-15.14	17.23	331	14850	5.57	-11.81	13.06	335
12875	6.35	-14.79	16.10	337	13875	7.80	-15.70	17.53	333	14875	5.23	-11.88	12.98	336
12900	6.43	-14.95	16.27	337	13900	7.13	-16.17	17.67	336	14900	5.15	-12.44	13.47	337
12925	6.15	-14.99	16.21	337	13925	6.68	-16.23	17.55	337	14925	5.28	-12.75	13.80	337
12950	6.17	-15.34	16.53	338	13950	6.49	-16.24	17.49	338	14950	4.70	-12.56	13.41	339
12975	6.24	-15.63	16.83	338	13975	5.97	-16.14	17.20	339	14975	4.74	-11.37	12.32	337
13000	5.65	-15.66	16.65	340	14000	5.77	-15.82	16.83	340	15000	4.85	-9.88	11.00	334
13025	5.34	-15.70	16.58	341	14025	5.28	-15.70	16.57	341	15025	5.16	-8.92	10.30	330
13050	4.63	-15.85	16.51	344	14050	5.06	-14.98	15.81	341	15050	5.78	-7.36	9.36	322
13075	4.21	-15.89	16.43	345	14075	5.08	-13.50	14.42	339	15075	5.07	-6.08	7.92	320
13100	4.33	-15.80	16.38	344	14100	4.48	-12.77	13.54	340	15100	5.13	-5.69	7.67	318
13125	4.27	-15.63	16.21	345	14125	4.85	-12.21	13.14	338	15125	6.62	-5.87	8.85	311
13150	3.90	-15.44	15.92	346	14150	5.28	-11.91	13.03	336	15150	7.59	-6.08	9.73	308
13175	4.05	-15.14	15.67	345	14175	5.29	-11.63	12.78	335	15175	8.06	-6.37	10.27	308
13200	4.58	-14.50	15.21	342	14200	5.73	-11.45	12.80	333	15200	8.57	-6.90	11.01	309
13225	4.54	-14.04	14.75	342	14225	6.02	-11.11	12.63	331	15225	9.02	-7.56	11.77	310
13250	5.01	-13.83	14.71	340	14250	6.91	-10.95	12.95	328	15250	9.63	-7.90	12.46	309
13275	5.49	-13.73	14.78	338	14275	7.98	-11.12	13.69	324	15275	10.41	-8.31	13.32	308
13300	5.52	-13.59	14.66	338	14300	7.94	-11.50	13.97	325	15300	9.76	-8.90	13.21	312

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

FPS-16 RADAR/JIMSPHERE WIND VELØCITY PRØFILE
TEST NUMBER 2933 05/11/65, 1300Z, EASTERN TEST RANGE, FLØRIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15325	8.80	-9.60	13.02	317	16325	4.47	-5.80	7.32	322					
15350	9.02	-10.02	13.48	318	16350	5.18	-5.09	7.27	314					
15375	9.67	-9.90	13.84	315	16375	4.76	-5.45	7.24	319					
15400	9.93	-9.74	13.91	314	16400	4.35	-5.87	7.31	323					
15425	10.09	-9.52	13.87	313	16425	5.72	-6.38	8.56	318					
15450	10.55	-9.24	14.03	311	16450	2.96	-2.91	4.15	314					
15475	10.64	-9.56	14.30	312	16475	3.62	-2.90	4.64	308					
15500	11.33	-10.28	15.30	312	16500	6.53	-5.37	8.45	309					
15525	12.05	-10.74	16.14	311	16525	6.51	-5.31	8.40	309					
15550	11.84	-11.19	16.29	313	16550	7.66	-6.04	9.75	308					
15575	11.41	-11.30	16.06	315	16575	7.06	-6.47	9.58	312					
15600	10.90	-11.07	15.54	315	16600	7.25	-6.20	9.54	310					
15625	11.22	-10.90	15.65	314	16625	8.57	-7.58	11.44	311					
15650	11.39	-11.11	15.92	314	16650	9.36	-7.90	12.25	310					
15675	11.62	-11.04	16.03	313	16675	10.53	-7.56	12.97	305					
15700	11.20	-10.90	15.62	314	16700	9.93	-7.98	12.74	309					
15725	10.75	-11.08	15.44	316	16725	9.81	-8.32	12.86	310					
15750	10.67	-12.08	16.12	318	16750	10.18	-8.78	13.44	311					
15775	10.02	-13.08	16.48	322	16775	9.64	-9.03	13.21	313					
15800	9.29	-13.54	16.42	325	16800	9.55	-9.19	13.25	314					
15825	8.54	-13.85	16.27	328	16825	9.83	-9.56	13.71	314					
15850	8.11	-13.87	16.06	329	16850	9.15	-9.92	13.50	317					
15875	7.22	-13.71	15.49	332	16875	8.13	-10.45	13.24	322					
15900	6.06	-13.76	15.03	336	16900	7.39	-10.93	13.20	326					
15925	5.57	-13.66	14.75	338	16925	7.14	-11.08	13.18	327					
15950	4.51	-12.73	13.51	340	16950	7.18	-11.13	13.24	327					
15975	4.03	-11.49	12.18	340	16975	6.93	-10.85	12.88	327					
16000	3.75	-11.17	11.78	341	17000	6.05	-10.35	11.99	329					
16025	2.95	-11.04	11.43	345	17025	5.59	-10.13	11.57	331					
16050	2.94	-10.66	11.05	344	17050	6.04	-9.75	11.47	328					
16075	3.05	-9.65	10.12	342	17075	5.95	-9.08	10.86	327					
16100	1.38	-9.00	9.11	351	17100	5.54	-8.65	10.27	327					
16125	2.14	-8.84	9.10	346	17125	5.02	-7.88	9.35	327					
16150	3.47	-8.58	9.25	338	17150	5.21	-7.94	9.49	327					
16175	3.09	-8.41	8.96	340	17175	5.79	-8.42	10.22	325					
16200	3.83	-7.98	8.85	334										
16225	2.87	-8.00	8.50	340										
16250	2.54	-7.04	7.48	340										
16275	3.32	-5.81	6.69	330										
16300	3.91	-5.95	7.12	326										

ALT = ALTITUDE, WX = ZØNAL CØMPØNENT, WZ = MERIDIØNAL CØMPØNENT, WS = WINC SPEED, THETA = WIND DIRECTIØN

TABLE II-110

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2938 05/12/65, 0115Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
375	-4.91	4.73	6.82	134	1375	1.58	-4.02	4.32	338	2375	2.19	-3.63	4.24	329
400	-4.87	4.69	6.76	134	1400	1.64	-3.92	4.25	337	2400	2.16	-3.65	4.24	329
425	-4.64	4.55	6.50	134	1425	1.88	-4.01	4.43	335	2425	1.87	-3.65	4.10	333
450	-4.62	4.42	6.40	134	1450	2.12	-4.13	4.64	333	2450	1.70	-3.78	4.15	336
475	-4.63	4.34	6.35	133	1475	2.16	-4.26	4.77	333	2475	1.65	-3.76	4.11	336
500	-4.64	4.26	6.29	132	1500	1.98	-4.21	4.66	335	2500	1.71	-3.73	4.10	335
525	-4.45	4.04	6.01	132	1525	1.79	-3.98	4.37	336	2525	1.68	-3.78	4.14	336
550	-4.06	3.83	5.58	133	1550	1.66	-3.71	4.07	336	2550	1.40	-3.96	4.20	340
575	-3.62	3.53	5.05	134	1575	1.69	-3.65	4.02	335	2575	1.31	-4.13	4.34	342
600	-3.16	3.18	4.48	135	1600	1.99	-3.69	4.19	331	2600	1.46	-4.15	4.40	340
625	-3.04	3.02	4.28	135	1625	2.28	-3.57	4.23	327	2625	1.52	-4.08	4.35	339
650	-3.03	2.76	4.10	132	1650	2.26	-3.43	4.11	326	2650	1.56	-4.12	4.41	339
675	-2.72	2.63	3.79	134	1675	2.28	-3.40	4.09	326	2675	1.48	-4.30	4.55	341
700	-2.28	2.61	3.47	139	1700	2.44	-3.31	4.11	323	2700	1.26	-4.47	4.65	344
725	-2.13	2.37	3.19	138	1725	2.46	-3.19	4.03	322	2725	1.04	-4.42	4.54	347
750	-2.22	2.02	3.01	132	1750	2.50	-3.24	4.09	322	2750	0.97	-4.37	4.47	347
775	-2.36	1.61	2.86	124	1775	2.41	-3.29	4.08	324	2775	1.02	-4.33	4.45	347
800	-2.45	1.11	2.69	114	1800	2.16	-3.49	4.10	328	2800	1.15	-4.25	4.40	345
825	-2.41	0.52	2.46	102	1825	1.90	-3.68	4.14	333	2825	1.29	-4.17	4.37	343
850	-2.34	0.10	2.34	92	1850	1.80	-3.74	4.15	334	2850	1.41	-4.16	4.39	341
875	-2.16	-0.24	2.18	83	1875	1.84	-3.79	4.21	334	2875	1.50	-4.38	4.62	341
900	-1.93	-0.61	2.03	72	1900	2.11	-3.77	4.32	331	2900	1.47	-4.58	4.81	342
925	-1.49	-1.06	1.83	55	1925	2.41	-3.78	4.48	327	2925	1.32	-4.52	4.71	343
950	-0.93	-1.55	1.81	31	1950	2.51	-3.62	4.40	325	2950	1.20	-4.37	4.53	344
975	-0.58	-1.91	1.99	17	1975	2.49	-3.32	4.15	323	2975	1.11	-4.11	4.26	345
1000	-0.20	-2.14	2.15	5	2000	2.39	-3.18	3.98	323	3000	0.94	-3.88	3.99	346
1025	0.12	-2.29	2.30	357	2025	2.34	-3.25	4.01	324	3025	0.93	-3.77	3.88	346
1050	0.28	-2.55	2.56	354	2050	2.33	-3.28	4.02	324	3050	1.09	-3.75	3.90	344
1075	0.54	-2.84	2.89	349	2075	2.32	-3.25	3.99	324	3075	1.28	-3.95	4.16	342
1100	0.80	-3.07	3.18	345	2100	2.32	-3.10	3.87	323	3100	1.42	-4.05	4.29	341
1125	0.84	-3.40	3.50	346	2125	2.43	-3.07	3.92	321	3125	1.41	-3.86	4.10	340
1150	0.85	-3.71	3.81	347	2150	2.62	-3.31	4.23	321	3150	1.30	-3.67	3.89	340
1175	0.73	-3.76	3.83	349	2175	2.74	-3.45	4.41	321	3175	1.14	-3.60	3.78	342
1200	0.68	-3.70	3.76	349	2200	2.85	-3.49	4.50	320	3200	1.11	-3.54	3.71	342
1225	0.62	-3.74	3.79	350	2225	2.86	-3.54	4.55	321	3225	1.32	-3.53	3.77	339
1250	0.58	-3.90	3.94	351	2250	2.62	-3.68	4.51	324	3250	1.32	-3.50	3.74	339
1275	0.70	-4.12	4.17	350	2275	2.36	-3.78	4.46	328	3275	1.03	-3.55	3.69	344
1300	0.76	-4.20	4.27	349	2300	2.25	-3.75	4.37	329	3300	0.79	-3.79	3.87	348
1325	0.93	-4.19	4.30	347	2325	2.23	-3.63	4.26	328	3325	0.73	-3.91	3.98	349
1350	1.30	-4.16	4.36	342	2350	2.13	-3.53	4.12	329	3350	0.85	-4.08	4.17	348

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2938 05/12/65, 0115Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3375	0.79	-4.36	4.43	350	4375	-1.42	-5.89	6.06	13	5375	-0.13	-8.60	8.60	1
3400	0.54	-4.29	4.32	353	4400	-1.77	-5.94	6.20	16	5400	0.05	-8.77	8.77	359
3425	0.12	-4.04	4.04	358	4425	-1.98	-6.01	6.33	18	5425	0.37	-9.01	9.02	357
3450	-0.12	-4.21	4.21	1	4450	-2.06	-5.90	6.25	19	5450	0.44	-9.14	9.15	357
3475	-0.16	-4.47	4.47	2	4475	-1.98	-5.74	6.07	19	5475	0.46	-9.02	9.03	357
3500	-0.26	-4.29	4.30	3	4500	-1.92	-5.77	6.09	18	5500	0.55	-8.94	8.96	356
3525	-0.14	-3.90	3.90	2	4525	-1.94	-5.81	6.12	18	5525	0.69	-9.07	9.09	355
3550	-0.04	-3.83	3.83	0	4550	-1.79	-5.70	5.98	17	5550	0.92	-9.00	9.04	354
3575	-0.09	-4.02	4.02	1	4575	-1.50	-5.72	5.91	15	5575	1.02	-9.00	9.06	353
3600	-0.25	-4.06	4.06	3	4600	-1.32	-5.74	5.89	13	5600	1.08	-9.02	9.09	353
3625	-0.48	-4.00	4.02	7	4625	-1.28	-5.74	5.88	12	5625	1.18	-8.99	9.07	352
3650	-0.66	-4.14	4.20	9	4650	-1.35	-5.69	5.85	13	5650	1.41	-9.31	9.41	351
3675	-0.80	-4.43	4.50	10	4675	-1.47	-5.78	5.97	14	5675	1.65	-9.56	9.70	350
3700	-0.85	-4.21	4.29	11	4700	-1.43	-5.99	6.15	13	5700	1.89	-9.63	9.82	349
3725	-0.82	-3.94	4.02	12	4725	-1.40	-6.13	6.29	13	5725	2.08	-9.82	10.04	348
3750	-0.57	-3.99	4.03	8	4750	-1.58	-6.24	6.44	14	5750	2.12	-10.09	10.31	348
3775	-0.24	-4.14	4.14	3	4775	-1.43	-6.31	6.47	13	5775	2.19	-10.40	10.62	348
3800	-0.13	-4.39	4.39	1	4800	-1.20	-6.20	6.32	11	5800	2.33	-10.57	10.83	347
3825	-0.04	-4.56	4.56	0	4825	-1.36	-6.11	6.26	12	5825	2.44	-10.51	10.79	347
3850	0.08	-4.71	4.71	359	4850	-1.44	-6.07	6.24	13	5850	2.36	-10.45	10.72	347
3875	0.28	-4.90	4.91	357	4875	-1.32	-5.61	5.76	13	5875	2.05	-10.34	10.54	349
3900	0.55	-5.19	5.21	354	4900	-0.98	-5.80	5.89	9	5900	1.87	-10.24	10.41	349
3925	0.63	-5.36	5.40	353	4925	-0.63	-6.60	6.63	5	5925	1.79	-10.15	10.31	350
3950	0.59	-5.34	5.38	353	4950	-0.56	-6.87	6.90	4	5950	1.47	-9.97	10.08	351
3975	0.59	-5.28	5.32	353	4975	-0.51	-6.88	6.90	4	5975	1.39	-10.08	10.18	352
4000	0.56	-5.18	5.21	354	5000	-0.44	-6.89	6.90	3	6000	1.60	-10.45	10.57	351
4025	0.59	-5.13	5.17	353	5025	-0.33	-7.06	7.07	2	6025	2.10	-10.68	10.89	349
4050	0.77	-5.26	5.32	351	5050	-0.33	-7.10	7.11	2	6050	2.74	-10.77	11.12	346
4075	0.89	-5.45	5.52	351	5075	-0.45	-7.20	7.22	3	6075	3.29	-10.87	11.36	343
4100	0.92	-5.44	5.52	350	5100	-0.65	-7.24	7.27	5	6100	3.83	-10.73	11.39	340
4125	0.89	-5.37	5.45	350	5125	-0.74	-7.16	7.20	6	6125	3.97	-10.57	11.29	339
4150	0.75	-5.45	5.50	352	5150	-0.72	-7.40	7.43	5	6150	3.87	-10.48	11.17	340
4175	0.61	-5.44	5.47	353	5175	-0.77	-7.78	7.82	5	6175	3.76	-10.19	10.86	340
4200	0.48	-5.09	5.11	354	5200	-0.64	-8.13	8.15	4	6200	3.57	-9.97	10.59	340
4225	0.37	-5.01	5.03	356	5225	-0.33	-8.39	8.40	2	6225	3.53	-9.92	10.52	340
4250	0.21	-5.11	5.11	357	5250	-0.32	-8.53	8.53	2	6250	3.57	-9.85	10.48	340
4275	-0.01	-5.00	5.00	0	5275	-0.25	-8.58	8.58	1	6275	3.50	-9.79	10.40	340
4300	-0.32	-5.07	5.08	3	5300	-0.22	-8.62	8.62	1	6300	3.55	-9.87	10.49	340
4325	-0.73	-5.39	5.44	8	5325	-0.44	-8.54	8.55	3	6325	3.60	-9.89	10.52	340
4350	-1.04	-5.78	5.88	10	5350	-0.33	-8.50	8.51	2	6350	3.69	-9.92	10.59	339

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2938 05/12/65, 0115Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6375	3.81	-10.17	10.86	339	7375	4.96	-9.70	10.90	333	8375	3.94	-10.14	10.88	339
6400	3.97	-10.21	10.95	339	7400	5.36	-10.05	11.40	332	8400	3.75	-10.07	10.74	339
6425	4.15	-10.05	10.88	337	7425	5.57	-10.32	11.72	331	8425	3.46	-10.02	10.60	341
6450	4.34	-9.96	10.86	336	7450	5.77	-10.35	11.85	331	8450	3.49	-9.96	10.55	341
6475	4.46	-9.97	10.92	336	7475	5.69	-10.12	11.61	330	8475	3.68	-9.95	10.61	339
6500	4.58	-10.09	11.08	335	7500	5.17	-10.00	11.26	332	8500	3.82	-10.16	10.85	339
6525	4.68	-9.97	11.01	335	7525	4.67	-9.85	10.90	334	8525	3.81	-10.60	11.26	340
6550	4.42	-9.86	10.81	336	7550	4.50	-9.56	10.56	335	8550	3.56	-10.81	11.38	342
6575	4.29	-10.00	10.89	337	7575	4.43	-9.63	10.60	335	8575	3.42	-10.74	11.27	342
6600	4.26	-10.12	10.98	337	7600	4.54	-9.80	10.80	335	8600	3.28	-10.93	11.41	343
6625	4.14	-10.16	10.97	338	7625	4.69	-9.73	10.80	334	8625	3.06	-11.13	11.54	344
6650	4.05	-10.07	10.85	338	7650	4.59	-9.63	10.67	334	8650	2.83	-11.25	11.60	346
6675	3.88	-9.92	10.65	338	7675	4.69	-9.78	10.84	334	8675	2.86	-11.19	11.55	345
6700	3.89	-9.86	10.60	338	7700	4.84	-9.81	10.94	334	8700	2.76	-11.06	11.40	346
6725	3.83	-9.78	10.50	338	7725	4.71	-9.62	10.72	334	8725	2.44	-11.24	11.51	348
6750	3.68	-9.69	10.36	339	7750	4.83	-9.64	10.79	333	8750	2.24	-11.45	11.67	349
6775	3.52	-9.60	10.22	340	7775	4.91	-9.70	10.87	333	8775	2.12	-11.78	11.97	350
6800	3.37	-9.55	10.13	340	7800	4.92	-9.62	10.81	333	8800	2.38	-12.24	12.47	349
6825	3.06	-9.59	10.06	342	7825	5.13	-9.56	10.85	332	8825	2.78	-12.78	13.08	348
6850	2.60	-9.45	9.80	344	7850	5.24	-9.49	10.84	331	8850	2.82	-13.17	13.46	348
6875	2.51	-9.29	9.62	345	7875	5.41	-9.52	10.95	330	8875	2.67	-13.25	13.51	348
6900	2.53	-9.09	9.44	344	7900	5.46	-9.75	11.18	331	8900	2.47	-13.68	13.90	350
6925	2.62	-8.98	9.35	344	7925	5.37	-9.82	11.19	331	8925	2.13	-14.24	14.40	351
6950	2.76	-8.84	9.26	342	7950	5.37	-9.89	11.26	331	8950	1.81	-14.47	14.59	353
6975	2.83	-8.73	9.18	342	7975	5.25	-9.84	11.15	332	8975	1.58	-14.75	14.84	354
7000	3.03	-8.91	9.41	341	8000	4.98	-9.53	10.75	332	9000	1.30	-15.20	15.25	355
7025	3.21	-9.29	9.83	341	8025	4.86	-9.44	10.62	333	9025	1.03	-15.31	15.35	356
7050	3.35	-9.59	10.15	341	8050	4.74	-9.43	10.55	333	9050	1.02	-15.33	15.36	356
7075	3.48	-9.61	10.22	340	8075	4.65	-9.41	10.50	334	9075	1.15	-15.61	15.65	356
7100	3.65	-9.44	10.12	339	8100	4.78	-9.48	10.61	333	9100	1.21	-15.83	15.88	355
7125	3.99	-9.34	10.16	337	8125	4.94	-9.66	10.84	333	9125	1.57	-15.76	15.84	354
7150	4.38	-9.41	10.38	335	8150	5.05	-9.87	11.08	333	9150	1.88	-16.00	16.11	353
7175	4.46	-9.45	10.44	335	8175	4.85	-9.91	11.03	334	9175	2.19	-16.31	16.46	352
7200	4.24	-9.40	10.21	335	8200	4.58	-9.81	10.82	335	9200	2.41	-16.57	16.74	352
7225	4.09	-9.38	10.23	336	8225	4.51	-9.97	10.94	335	9225	2.40	-16.85	17.02	352
7250	4.19	-9.25	10.16	335	8250	4.52	-10.09	11.06	336	9250	2.40	-17.05	17.21	352
7275	4.53	-9.25	10.30	334	8275	4.41	-10.09	11.01	336	9275	2.72	-17.27	17.48	351
7300	4.80	-9.48	10.62	333	8300	4.30	-9.93	10.82	336	9300	3.04	-17.31	17.57	350
7325	4.94	-9.52	10.73	332	8325	4.24	-9.96	10.83	337	9325	2.98	-17.36	17.61	350
7350	4.82	-9.54	10.69	333	8350	4.10	-10.11	10.91	338	9350	3.02	-17.50	17.76	350

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2938 05/12/65, 0115Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9375	3.11	-17.88	18.15	350	10375	6.94	-23.15	24.17	343	11375	11.49	-25.08	27.59	335
9400	3.09	-18.18	18.44	350	10400	7.36	-22.88	24.04	342	11400	11.16	-25.60	27.93	336
9425	3.10	-18.37	18.63	350	10425	7.49	-22.58	23.79	341	11425	10.56	-26.15	28.20	338
9450	3.02	-18.78	19.02	351	10450	7.65	-22.96	24.20	341	11450	10.08	-26.54	28.39	339
9475	3.01	-19.14	19.37	351	10475	8.04	-23.12	24.48	341	11475	9.69	-26.75	28.46	340
9500	3.34	-19.58	19.86	350	10500	8.01	-22.70	24.07	340	11500	9.67	-26.86	28.55	340
9525	3.55	-20.06	20.37	350	10525	8.10	-22.42	23.84	340	11525	10.03	-27.07	28.87	339
9550	3.63	-20.50	20.82	350	10550	8.54	-22.21	23.80	339	11550	10.00	-27.72	29.47	340
9575	3.70	-20.95	21.28	350	10575	8.86	-21.97	23.69	338	11575	9.36	-28.13	29.65	341
9600	3.67	-21.31	21.63	350	10600	9.13	-22.16	23.97	337	11600	8.53	-28.13	29.39	343
9625	3.74	-21.45	21.77	350	10625	9.25	-22.21	24.06	337	11625	8.11	-28.18	29.32	344
9650	3.75	-21.66	21.98	350	10650	9.74	-22.08	24.13	336	11650	7.83	-28.21	29.27	344
9675	3.82	-22.02	22.35	350	10675	10.25	-22.35	24.59	335	11675	7.25	-28.19	29.11	345
9700	4.04	-22.04	22.41	349	10700	10.17	-22.49	24.68	335	11700	6.82	-28.14	28.96	346
9725	4.07	-22.08	22.45	349	10725	10.30	-22.53	24.77	335	11725	6.95	-28.37	29.21	346
9750	4.10	-22.13	22.51	349	10750	10.62	-22.71	25.07	335	11750	7.08	-28.64	29.50	346
9775	4.16	-22.15	22.53	349	10775	10.60	-22.82	25.16	335	11775	7.24	-28.45	29.36	346
9800	4.18	-22.21	22.60	349	10800	10.48	-22.92	25.20	335	11800	7.50	-28.42	29.39	345
9825	4.42	-22.17	22.60	349	10825	10.44	-23.13	25.38	336	11825	7.22	-28.44	29.34	346
9850	4.57	-22.09	22.56	348	10850	10.43	-23.18	25.42	336	11850	6.60	-28.70	29.45	347
9875	4.40	-22.05	22.48	349	10875	10.75	-23.15	25.52	335	11875	6.14	-28.65	29.30	348
9900	4.38	-21.99	22.43	349	10900	11.04	-23.01	25.52	334	11900	6.20	-28.26	28.93	347
9925	4.61	-22.12	22.60	348	10925	11.12	-22.91	25.47	334	11925	6.45	-28.38	29.10	347
9950	4.77	-22.18	22.68	348	10950	11.40	-23.17	25.82	334	11950	6.92	-28.69	29.51	346
9975	4.84	-22.02	22.54	347	10975	11.61	-23.40	26.13	333	11975	7.31	-28.79	29.70	346
10000	5.21	-22.09	22.70	347	11000	11.97	-23.52	26.40	333	12000	7.47	-29.06	30.01	345
10025	5.55	-22.15	22.84	346	11025	12.38	-23.74	26.77	332	12025	7.87	-29.15	30.20	345
10050	5.56	-22.24	22.93	346	11050	12.70	-24.15	27.28	332	12050	8.29	-29.07	30.23	344
10075	5.65	-22.50	23.20	346	11075	12.76	-24.22	27.37	332	12075	8.59	-28.99	30.23	343
10100	5.69	-22.40	23.11	346	11100	12.71	-24.39	27.51	332	12100	8.70	-29.02	30.30	343
10125	5.84	-22.21	22.96	345	11125	12.67	-24.42	27.51	332	12125	8.92	-29.27	30.60	343
10150	5.96	-22.28	23.06	345	11150	12.60	-24.23	27.31	332	12150	9.41	-29.40	30.87	342
10175	6.06	-22.38	23.19	345	11175	12.45	-24.23	27.25	333	12175	9.74	-29.55	31.11	342
10200	6.28	-22.53	23.39	344	11200	12.13	-24.01	26.90	333	12200	9.95	-29.92	31.53	341
10225	6.30	-22.63	23.49	344	11225	11.97	-23.99	26.81	333	12225	10.32	-30.37	32.08	341
10250	6.49	-22.81	23.71	344	11250	11.63	-24.23	26.88	334	12250	10.70	-30.45	32.27	340
10275	6.86	-22.98	23.98	343	11275	11.65	-24.13	26.80	334	12275	11.00	-30.32	32.26	340
10300	7.03	-23.02	24.07	343	11300	11.70	-24.03	26.72	334	12300	11.38	-30.79	32.82	340
10325	6.98	-23.11	24.14	343	11325	11.48	-24.17	26.76	334	12325	11.56	-31.62	33.67	340
10350	6.85	-23.11	24.10	343	11350	11.44	-24.42	26.96	335	12350	11.72	-31.89	33.97	340

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-110 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2938 05/12/65, 0115Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12375	12.11	-32.34	34.53	339	13375	7.00	-22.42	23.49	342	14375	5.00	-20.00	20.61	346
12400	12.63	-32.95	35.28	339	13400	6.53	-23.01	23.92	344	14400	4.31	-18.47	18.97	347
12425	12.85	-33.17	35.57	339	13425	6.25	-23.20	24.03	345	14425	3.59	-17.30	17.67	348
12450	12.92	-33.22	35.64	339	13450	6.35	-23.13	23.99	344	14450	3.04	-16.21	16.49	349
12475	13.31	-33.37	35.93	338	13475	6.39	-23.35	24.21	344	14475	2.59	-15.17	15.39	350
12500	13.60	-33.46	36.12	338	13500	6.24	-23.66	24.47	345	14500	2.40	-14.51	14.70	350
12525	13.81	-33.52	36.25	337	13525	6.02	-24.31	25.04	346	14525	2.82	-14.87	15.13	349
12550	13.97	-33.66	36.45	337	13550	5.82	-24.64	25.32	347	14550	3.64	-15.06	15.49	346
12575	14.15	-34.07	36.90	337	13575	5.84	-24.82	25.50	347	14575	3.78	-14.70	15.18	345
12600	14.47	-34.18	37.12	337	13600	5.69	-25.05	25.68	347	14600	3.35	-14.44	14.82	347
12625	14.51	-34.31	37.25	337	13625	5.54	-25.18	25.78	347	14625	3.54	-14.27	14.71	346
12650	14.35	-34.51	37.38	337	13650	5.65	-25.39	26.01	347	14650	4.12	-14.25	14.84	344
12675	14.34	-34.53	37.39	337	13675	5.66	-25.45	26.07	347	14675	3.98	-13.96	14.51	344
12700	14.29	-34.52	37.36	337	13700	5.55	-25.43	26.03	347	14700	3.90	-13.66	14.21	344
12725	13.76	-34.10	36.78	338	13725	5.48	-25.48	26.07	348	14725	4.25	-13.39	14.05	342
12750	13.11	-33.57	36.04	338	13750	5.60	-25.39	26.00	347	14750	4.89	-12.95	13.84	339
12775	12.40	-32.89	35.15	339	13775	6.03	-24.72	25.45	346	14775	5.33	-13.35	14.37	338
12800	11.76	-31.88	33.98	340	13800	6.45	-24.22	25.06	345	14800	5.19	-13.96	14.89	339
12825	11.39	-31.17	33.19	340	13825	6.12	-24.18	24.94	346	14825	5.18	-14.21	15.13	340
12850	11.34	-30.75	32.78	340	13850	5.94	-23.69	24.43	346	14850	4.95	-14.68	15.49	341
12875	11.30	-30.45	32.48	339	13875	6.24	-23.27	24.09	345	14875	4.14	-15.10	15.65	344
12900	10.46	-29.98	31.76	341	13900	6.21	-23.10	23.92	345	14900	4.17	-15.25	15.81	344
12925	9.93	-29.61	31.23	341	13925	6.73	-22.75	23.72	343	14925	4.75	-15.49	16.20	343
12950	9.91	-29.79	31.39	341	13950	6.49	-22.93	23.83	344	14950	5.45	-16.40	17.29	341
12975	9.97	-30.14	31.75	342	13975	6.36	-22.77	23.64	344	14975	5.95	-17.48	18.46	341
13000	10.18	-30.86	32.50	342	14000	6.78	-22.05	23.07	343	15000	6.05	-17.26	18.29	340
13025	10.06	-31.22	32.80	342	14025	6.73	-21.42	22.45	342	15025	5.92	-17.02	18.02	341
13050	9.94	-31.22	32.76	342	14050	6.40	-20.90	21.86	343	15050	5.70	-17.41	18.32	342
13075	10.06	-31.16	32.75	342	14075	6.15	-20.59	21.49	343	15075	5.55	-16.78	17.67	342
13100	9.76	-30.53	32.05	342	14100	6.43	-20.56	21.54	342	15100	5.84	-16.32	17.33	340
13125	9.34	-29.88	31.31	342	14125	6.68	-21.05	22.08	342	15125	5.61	-15.82	16.78	340
13150	9.46	-29.62	31.09	342	14150	7.43	-21.44	22.69	341	15150	4.82	-15.18	15.92	342
13175	9.73	-29.04	30.62	341	14175	8.16	-21.51	23.01	339	15175	4.25	-15.35	15.93	344
13200	9.46	-27.96	29.52	341	14200	9.59	-21.94	23.94	336	15200	4.05	-15.17	15.70	345
13225	8.86	-26.71	28.14	341	14225	10.46	-22.29	24.62	335	15225	4.13	-14.96	15.52	344
13250	8.83	-25.65	27.13	341	14250	10.34	-22.54	24.80	335	15250	3.59	-15.02	15.44	346
13275	9.48	-25.84	27.52	340	14275	10.40	-22.21	24.53	335	15275	3.53	-14.72	15.13	346
13300	8.75	-24.20	25.74	340	14300	9.08	-21.68	23.50	337	15300	4.26	-14.58	15.19	344
13325	7.67	-21.66	22.97	340	14325	6.91	-21.43	22.52	342	15325	4.33	-14.88	15.50	344
13350	7.48	-22.18	23.40	341	14350	5.63	-21.05	21.79	345	15350	4.45	-14.55	15.22	343

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2938 05/12/65, 0115Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15375	5.14	-14.61	15.48	340	16375	9.56	-12.88	16.04	323					
15400	5.86	-14.54	15.67	338	16400	9.53	-12.85	16.00	323					
15425	6.90	-14.26	15.84	334	16425	10.05	-12.69	16.19	321					
15450	7.35	-14.78	16.51	333	16450	9.93	-13.16	16.49	323					
15475	7.87	-14.91	16.86	332	16475	9.72	-13.97	17.02	325					
15500	8.74	-14.43	16.87	329	16500	9.74	-13.69	16.81	324					
15525	9.89	-13.90	17.06	324	16525	8.95	-12.98	15.76	325					
15550	10.87	-13.94	17.68	322	16550	7.38	-13.56	15.44	331					
15575	11.25	-14.48	18.33	322	16575	5.47	-13.97	15.00	338					
15600	11.68	-15.04	19.04	322	16600	4.41	-13.53	14.24	342					
15625	11.15	-14.97	18.67	323	16625	3.62	-13.45	13.92	345					
15650	10.02	-15.39	18.37	327	16650	2.47	-13.54	13.76	349					
15675	9.40	-15.33	17.98	328	16675	1.32	-12.93	13.00	354					
15700	7.44	+14.49	16.29	333	16700	0.69	-12.32	12.34	357					
15725	6.47	-14.06	15.48	335	16725	0.25	-12.14	12.14	359					
15750	5.37	-13.92	14.92	339	16750	-0.25	-12.24	12.24	1					
15775	5.29	-14.09	15.05	339	16775	-1.27	-12.12	12.19	6					
15800	5.26	-13.85	14.82	339	16800	-1.10	-11.99	12.04	5					
15825	5.51	-13.58	14.66	338	16825	-1.59	-11.61	11.72	8					
15850	6.12	-13.44	14.77	335	16850	-2.60	-11.19	11.48	13					
15875	6.34	-13.67	15.07	335	16875	-2.72	-10.72	11.06	14					
15900	6.07	-13.80	15.08	336	16900	-2.32	-10.70	10.95	12					
15925	5.98	-13.80	15.04	336	16925	-2.67	-10.37	10.71	14					
15950	6.54	-13.49	14.99	334	16950	-2.70	-9.65	10.02	15					
15975	6.45	-13.56	15.01	334	16975	-2.32	-9.37	9.65	14					
16000	5.30	-13.58	14.57	338	17000	-2.24	-9.08	9.35	14					
16025	5.08	-12.79	13.76	338	17025	-1.64	-8.72	8.87	10					
16050	5.28	-12.58	13.64	337	17050	-0.63	-7.88	7.90	4					
16075	4.90	-11.87	12.84	337										
16100	5.88	-11.03	12.50	332										
16125	6.76	-10.45	12.44	327										
16150	7.54	-9.99	12.52	323										
16175	7.77	-9.83	12.53	321										
16200	7.97	-10.78	13.40	323										
16225	8.19	-11.48	14.10	324										
16250	8.44	-11.76	14.47	324										
16275	8.91	-11.88	14.85	323										
16300	9.36	-12.07	15.27	322										
16325	9.22	-12.28	15.35	323										
16350	9.31	-12.54	15.62	323										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2939 05/13/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
325	2.63	5.72	6.30	205	1325	11.56	-1.76	11.70	278	2325	8.71	-0.86	8.75	275
350	3.12	5.21	6.07	211	1350	11.47	-1.71	11.60	278	2350	8.84	-1.11	8.91	277
375	3.50	4.62	5.80	217	1375	11.46	-1.54	11.56	277	2375	8.90	-1.15	8.98	277
400	3.83	4.21	5.69	222	1400	11.45	-1.43	11.54	277	2400	8.98	-1.03	9.04	276
425	4.24	3.90	5.76	227	1425	11.35	-1.51	11.45	277	2425	9.07	-1.02	9.12	276
450	4.78	3.67	6.02	232	1450	11.19	-1.55	11.29	278	2450	8.97	-1.03	9.03	276
475	5.26	3.71	6.44	235	1475	10.94	-1.51	11.04	278	2475	8.78	-1.24	8.87	278
500	5.69	4.03	6.97	234	1500	10.75	-1.45	10.84	277	2500	8.34	-1.25	8.44	278
525	5.87	4.14	7.19	235	1525	10.65	-1.27	10.73	277	2525	7.87	-1.07	7.95	278
550	5.92	4.06	7.18	235	1550	10.59	-1.12	10.65	276	2550	7.72	-1.09	7.80	278
575	6.16	3.72	7.20	239	1575	10.36	-1.03	10.41	275	2575	7.56	-1.16	7.65	279
600	6.94	2.96	7.55	247	1600	10.17	-1.02	10.22	276	2600	7.40	-1.18	7.49	279
625	8.06	2.12	8.34	255	1625	10.07	-1.07	10.13	276	2625	7.33	-1.14	7.42	279
650	8.72	1.69	8.88	259	1650	10.00	-1.04	10.06	276	2650	7.37	-1.17	7.46	279
675	8.73	1.78	8.91	258	1675	10.00	-0.91	10.04	275	2675	7.39	-1.24	7.49	279
700	8.91	1.60	9.05	260	1700	9.95	-0.83	9.98	275	2700	7.39	-1.21	7.49	279
725	9.03	1.24	9.12	262	1725	9.55	-0.77	9.58	274	2725	7.42	-1.15	7.50	279
750	8.93	0.68	8.96	265	1750	9.35	-0.75	9.38	274	2750	7.38	-1.07	7.46	278
775	9.10	0.12	9.11	269	1775	9.41	-0.79	9.44	275	2775	7.23	-1.04	7.30	278
800	9.49	-0.11	9.49	270	1800	9.30	-0.74	9.33	274	2800	7.22	-1.24	7.33	280
825	10.14	-0.01	10.14	270	1825	9.28	-0.52	9.29	273	2825	7.30	-1.57	7.46	282
850	10.75	0.19	10.75	269	1850	9.20	-0.30	9.21	272	2850	7.42	-1.89	7.66	284
875	10.96	-0.13	10.96	270	1875	9.19	-0.20	9.19	271	2875	7.45	-2.18	7.76	286
900	10.95	-0.60	10.97	273	1900	9.35	-0.06	9.35	270	2900	7.35	-2.55	7.78	289
925	10.95	-0.77	10.98	274	1925	9.39	0.12	9.39	269	2925	7.06	-2.91	7.64	292
950	11.16	-0.85	11.19	274	1950	9.27	0.21	9.27	268	2950	7.09	-3.18	7.77	294
975	11.26	-0.92	11.30	274	1975	9.08	0.24	9.08	268	2975	7.53	-3.40	8.27	294
1000	11.09	-0.79	11.12	274	2000	8.92	0.25	8.92	268	3000	7.65	-3.53	8.42	295
1025	10.70	-0.67	10.72	273	2025	8.96	0.07	8.96	269	3025	7.67	-3.45	8.42	294
1050	10.51	-0.88	10.54	275	2050	9.21	-0.02	9.21	270	3050	7.75	-3.32	8.43	293
1075	10.86	-1.31	10.94	277	2075	9.47	-0.07	9.47	270	3075	7.70	-3.51	8.46	294
1100	11.35	-1.77	11.48	279	2100	9.53	-0.15	9.53	271	3100	7.79	-3.75	8.65	295
1125	11.57	-2.05	11.75	280	2125	9.37	-0.22	9.37	271	3125	7.84	-3.75	8.69	295
1150	11.64	-2.07	11.83	280	2150	9.10	-0.27	9.10	272	3150	7.52	-3.68	8.37	296
1175	11.51	-1.95	11.67	279	2175	9.19	-0.43	9.20	272	3175	7.38	-3.53	8.18	295
1200	11.38	-1.95	11.55	280	2200	9.05	-0.45	9.06	273	3200	7.43	-3.38	8.17	294
1225	11.48	-1.99	11.65	280	2225	8.82	-0.52	8.84	273	3225	7.55	-3.55	8.34	295
1250	11.44	-1.95	11.60	279	2250	8.64	-0.60	8.66	274	3250	7.67	-3.76	8.55	296
1275	11.38	-1.85	11.53	279	2275	8.38	-0.74	8.41	275	3275	7.27	-3.96	8.28	298
1300	11.49	-1.76	11.63	279	2300	8.43	-0.85	8.48	276	3300	6.57	-4.19	7.80	302

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2939 05/13/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
3325	6.31	-4.14	7.55	303	4325	6.23	-8.39	10.46	323	5325	12.99	-12.17	17.80	313
3350	5.93	-4.03	7.17	304	4350	6.35	-8.48	10.59	323	5350	13.48	-12.24	18.21	312
3375	5.43	-4.08	6.79	307	4375	6.40	-8.61	10.73	323	5375	13.83	-12.21	18.45	311
3400	5.26	-4.15	6.71	308	4400	6.29	-8.61	10.66	324	5400	13.91	-12.30	18.56	311
3425	5.11	-4.18	6.60	309	4425	6.34	-8.58	10.67	323	5425	14.03	-12.55	18.83	312
3450	4.83	-4.22	6.41	311	4450	6.49	-8.59	10.77	323	5450	13.96	-12.70	18.87	312
3475	4.91	-4.39	6.59	312	4475	6.59	-8.55	10.79	322	5475	13.77	-12.66	18.70	312
3500	5.06	-4.72	6.92	313	4500	6.60	-8.51	10.77	322	5500	13.86	-12.51	18.67	312
3525	5.20	-5.09	7.27	314	4525	6.52	-8.54	10.74	322	5525	14.15	-12.23	18.71	311
3550	5.75	-5.64	8.06	314	4550	6.38	-8.54	10.66	323	5550	14.45	-11.85	18.69	309
3575	6.48	-6.08	8.88	313	4575	6.31	-8.61	10.67	324	5575	14.68	-11.58	18.70	308
3600	7.22	-6.18	9.51	310	4600	6.46	-8.68	10.82	323	5600	14.79	-11.23	18.57	307
3625	7.71	-6.37	10.00	309	4625	6.53	-8.61	10.80	323	5625	15.02	-10.88	18.55	306
3650	7.53	-6.34	9.85	310	4650	6.48	-8.59	10.76	323	5650	15.32	-10.82	18.76	305
3675	7.23	-6.23	9.54	311	4675	6.54	-8.69	10.87	323	5675	15.35	-10.89	18.82	305
3700	7.09	-6.27	9.46	311	4700	6.63	-8.77	10.99	323	5700	15.20	-10.89	18.69	305
3725	6.83	-6.43	9.38	313	4725	6.86	-8.83	11.18	322	5725	14.90	-10.81	18.41	306
3750	6.47	-6.94	9.49	317	4750	7.16	-8.95	11.46	321	5750	14.87	-10.78	18.37	306
3775	6.24	-7.53	9.78	320	4775	7.53	-9.12	11.83	320	5775	14.93	-10.48	18.24	305
3800	6.19	-7.70	9.88	321	4800	7.96	-9.28	12.23	319	5800	14.86	-10.09	17.96	304
3825	5.93	-7.51	9.57	321	4825	8.14	-9.31	12.36	319	5825	14.93	-9.92	17.93	303
3850	5.46	-7.23	9.06	323	4850	8.35	-9.21	12.43	318	5850	14.68	-9.67	17.58	303
3875	5.01	-7.15	8.73	325	4875	8.49	-9.37	12.64	318	5875	14.41	-9.31	17.16	303
3900	4.80	-7.37	8.80	327	4900	8.54	-9.61	12.86	318	5900	14.36	-8.86	16.87	301
3925	4.35	-7.48	8.65	330	4925	8.67	-9.69	13.00	318	5925	14.40	-8.39	16.66	300
3950	3.88	-7.50	8.45	332	4950	8.70	-9.85	13.14	318	5950	14.57	-8.12	16.68	299
3975	3.90	-7.62	8.56	333	4975	8.74	-10.00	13.28	319	5975	14.75	-7.85	16.71	298
4000	3.95	-7.73	8.68	333	5000	8.68	-10.10	13.31	319	6000	14.94	-7.62	16.77	297
4025	3.83	-7.64	8.54	333	5025	8.68	-10.18	13.38	319	6025	15.01	-7.53	16.79	296
4050	3.71	-7.52	8.38	334	5050	8.95	-10.23	13.59	319	6050	15.09	-7.34	16.78	296
4075	3.77	-7.44	8.35	333	5075	9.39	-10.69	14.23	319	6075	15.15	-7.00	16.69	295
4100	3.89	-7.37	8.33	332	5100	9.84	-11.22	14.92	319	6100	15.13	-6.62	16.51	293
4125	4.14	-7.62	8.67	331	5125	10.25	-11.49	15.40	318	6125	15.20	-6.45	16.51	293
4150	4.69	-8.18	9.43	330	5150	10.59	-11.69	15.77	318	6150	15.04	-6.55	16.40	293
4175	5.12	-8.52	9.94	329	5175	11.40	-11.47	16.17	315	6175	15.07	-6.67	16.48	294
4200	5.57	-8.57	10.22	327	5200	12.07	-11.03	16.35	312	6200	14.89	-6.74	16.35	294
4225	6.03	-8.59	10.50	325	5225	12.14	-10.98	16.37	312	6225	14.69	-6.75	16.16	294
4250	6.20	-8.55	10.56	324	5250	12.53	-11.39	16.93	312	6250	14.87	-6.95	16.41	295
4275	6.20	-8.44	10.47	324	5275	12.81	-11.77	17.40	312	6275	15.16	-7.24	16.80	295
4300	6.20	-8.40	10.44	323	5300	12.82	-11.97	17.54	313	6300	15.32	-7.40	17.01	296

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-111 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2939 05/13/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
6325	15.13	-7.54	16.90	296	7325	14.98	-9.18	17.57	301	8325	18.48	-11.54	21.78	302
6350	15.04	-7.58	16.85	297	7350	14.92	-9.40	17.30	303	8350	18.78	-11.31	21.92	301
6375	15.02	-7.53	16.80	296	7375	14.15	-9.30	16.94	303	8375	18.74	-11.09	21.78	300
6400	14.90	-7.66	16.75	297	7400	13.84	-9.63	16.86	305	8400	18.51	-10.81	21.44	300
6425	14.64	-7.77	16.57	298	7425	13.63	-10.14	16.98	306	8425	18.51	-10.45	21.26	299
6450	14.60	-7.83	16.57	298	7450	13.57	-10.47	17.14	307	8450	18.63	-10.20	21.24	298
6475	14.66	-8.56	16.98	300	7475	13.57	-10.97	17.45	309	8475	18.46	-10.01	21.00	298
6500	14.44	-9.70	17.39	304	7500	13.49	-11.38	17.65	310	8500	18.18	-9.78	20.65	298
6525	14.31	-10.62	17.82	306	7525	13.52	-11.41	17.69	310	8525	18.11	-9.37	20.39	297
6550	14.28	-11.25	18.18	308	7550	13.57	-11.63	17.87	310	8550	18.04	-9.14	20.22	297
6575	14.34	-11.74	18.54	309	7575	13.58	-12.18	18.24	312	8575	18.03	-9.16	20.23	297
6600	14.57	-12.32	19.08	310	7600	13.77	-12.62	18.68	312	8600	18.15	-9.03	20.27	296
6625	14.47	-12.45	19.09	311	7625	14.01	-12.98	19.10	313	8625	18.18	-8.70	20.16	295
6650	14.26	-12.04	18.66	310	7650	14.24	-13.12	19.36	312	8650	17.98	-8.22	19.77	294
6675	14.10	-11.49	18.19	309	7675	14.35	-12.80	19.23	312	8675	17.72	-7.85	19.38	294
6700	13.90	-11.02	17.73	308	7700	14.26	-12.46	18.94	311	8700	17.54	-7.95	19.25	294
6725	13.85	-10.70	17.50	308	7725	14.36	-12.28	18.90	310	8725	17.76	-8.17	19.55	295
6750	13.75	-10.35	17.21	307	7750	14.50	-12.00	18.82	309	8750	18.23	-8.41	20.08	295
6775	13.45	-9.96	16.73	306	7775	14.48	-11.80	18.68	309	8775	18.68	-8.61	20.57	295
6800	12.96	-9.49	16.07	306	7800	14.41	-11.58	18.49	309	8800	18.73	-8.75	20.67	295
6825	12.64	-9.06	15.55	305	7825	14.20	-11.33	18.17	308	8825	18.76	-8.90	20.76	295
6850	12.40	-8.92	15.27	306	7850	14.05	-10.99	17.84	308	8850	18.90	-8.81	20.86	295
6875	12.14	-8.87	15.04	306	7875	14.06	-10.68	17.66	307	8875	19.17	-8.55	20.99	294
6900	12.50	-8.84	15.31	305	7900	14.15	-10.41	17.56	306	8900	19.59	-8.35	21.29	293
6925	13.03	-9.08	15.88	305	7925	14.06	-10.04	17.28	305	8925	19.53	-8.32	21.23	293
6950	13.29	-9.46	16.31	305	7950	14.23	-9.86	17.31	305	8950	19.24	-8.28	20.94	293
6975	13.54	-9.77	16.70	306	7975	14.58	-9.70	17.52	303	8975	18.95	-8.18	20.64	293
7000	13.52	-9.87	16.74	306	8000	14.75	-9.76	17.69	303	9000	18.71	-8.03	20.36	293
7025	13.29	-9.72	16.47	306	8025	14.86	-9.90	17.85	303	9025	18.70	-7.85	20.28	293
7050	13.17	-9.38	16.17	305	8050	15.08	-9.93	18.06	303	9050	18.61	-7.69	20.14	292
7075	13.10	-8.96	15.87	304	8075	15.46	-10.13	18.48	303	9075	18.65	-7.40	20.06	291
7100	12.73	-8.77	15.46	304	8100	15.84	-10.08	18.78	302	9100	18.60	-7.34	19.99	291
7125	12.57	-8.62	15.24	304	8125	16.34	-9.74	19.02	301	9125	18.62	-7.37	20.03	291
7150	12.89	-8.45	15.41	303	8150	16.68	-9.75	19.32	300	9150	18.78	-7.41	20.19	291
7175	13.36	-8.23	15.69	301	8175	16.65	-10.08	19.47	301	9175	19.06	-7.68	20.55	292
7200	14.04	-8.13	16.22	300	8200	16.72	-10.33	19.66	302	9200	19.55	-7.82	21.05	292
7225	14.58	-8.48	16.86	300	8225	16.89	-10.67	19.98	302	9225	19.50	-7.86	21.02	292
7250	14.77	-8.74	17.16	300	8250	17.28	-11.12	20.55	303	9250	19.46	-8.01	21.05	292
7275	15.07	-8.60	17.35	299	8275	17.78	-11.28	21.06	302	9275	19.38	-8.15	21.03	293
7300	15.27	-8.68	17.56	299	8300	18.15	-11.43	21.44	302	9300	19.52	-8.13	21.14	292

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2939 05/13/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
9325	20.02	-8.27	21.66	292	10325	23.35	-10.79	25.72	295	11325	23.74	-6.27	24.55	285
9350	20.23	-8.34	21.88	292	10350	23.80	-10.39	25.97	293	11350	23.56	-6.51	24.44	285
9375	20.38	-8.37	22.03	292	10375	24.37	-10.27	26.44	293	11375	23.68	-6.85	24.65	286
9400	20.39	-8.44	22.07	292	10400	24.70	-10.39	26.79	293	11400	23.58	-6.88	24.57	286
9425	20.17	-8.46	21.87	293	10425	24.58	-10.09	26.57	292	11425	23.27	-6.54	24.17	285
9450	19.99	-8.65	21.78	293	10450	24.75	-10.02	26.70	292	11450	22.99	-6.61	23.92	286
9475	20.15	-8.91	22.03	294	10475	25.14	-9.99	27.05	291	11475	22.60	-7.09	23.68	287
9500	19.94	-9.11	21.92	294	10500	25.49	-10.04	27.39	291	11500	22.59	-7.55	23.82	288
9525	19.45	-9.22	21.53	295	10525	26.09	-9.78	27.86	290	11525	22.65	-8.12	24.06	290
9550	19.27	-9.42	21.45	296	10550	25.86	-9.78	27.65	291	11550	22.44	-8.82	24.11	291
9575	19.44	-9.65	21.70	296	10575	25.23	-9.92	27.10	291	11575	22.41	-9.21	24.23	292
9600	19.63	-10.11	22.08	297	10600	25.49	-9.80	27.31	291	11600	22.29	-9.63	24.28	293
9625	19.48	-10.52	22.14	298	10625	25.47	-9.86	27.31	291	11625	22.07	-10.24	24.33	295
9650	19.41	-10.69	22.16	299	10650	25.46	-10.00	27.35	291	11650	22.06	-10.78	24.56	296
9675	19.24	-11.14	22.23	300	10675	25.26	-9.82	27.10	291	11675	22.20	-10.64	24.62	295
9700	19.24	-11.54	22.44	301	10700	24.84	-9.64	26.64	291	11700	21.76	-10.92	24.35	296
9725	19.64	-11.73	22.88	301	10725	24.87	-9.58	26.65	291	11725	21.38	-11.39	24.22	298
9750	19.70	-11.71	22.92	301	10750	24.86	-9.22	26.51	290	11750	21.19	-11.20	23.97	298
9775	19.65	-11.51	22.77	300	10775	24.67	-9.11	26.30	290	11775	20.69	-11.13	23.49	298
9800	19.59	-11.56	22.75	300	10800	24.68	-8.86	26.22	290	11800	20.78	-11.43	23.72	299
9825	19.74	-11.71	22.95	300	10825	24.50	-8.63	25.97	289	11825	21.13	-11.72	24.17	299
9850	20.15	-11.71	23.30	300	10850	24.04	-8.70	25.57	290	11850	21.21	-11.47	24.11	298
9875	20.17	-11.67	23.31	300	10875	23.88	-8.63	25.39	290	11875	20.71	-10.95	23.43	298
9900	20.29	-11.57	23.36	299	10900	24.14	-8.05	25.45	288	11900	20.03	-10.83	22.77	298
9925	20.39	-11.65	23.49	300	10925	24.47	-7.66	25.64	287	11925	20.00	-10.46	22.57	297
9950	20.40	-11.74	23.54	300	10950	24.65	-7.63	25.81	287	11950	20.41	-9.57	22.54	295
9975	20.84	-11.70	23.90	299	10975	24.56	-7.64	25.72	287	11975	20.77	-9.07	22.67	293
10000	21.22	-11.56	24.17	298	11000	24.68	-7.87	25.91	287	12000	20.32	-9.28	22.33	294
10025	21.20	-11.42	24.08	298	11025	25.08	-7.68	26.23	287	12025	19.95	-9.40	22.06	295
10050	20.90	-11.52	23.86	299	11050	24.92	-7.33	25.98	286	12050	20.20	-10.06	22.57	296
10075	21.17	-11.39	24.03	298	11075	24.63	-7.17	25.65	286	12075	20.13	-10.71	22.80	298
10100	21.85	-10.97	24.45	296	11100	24.51	-7.22	25.55	286	12100	20.54	-11.28	23.43	299
10125	22.07	-10.78	24.57	296	11125	24.41	-7.35	25.50	287	12125	20.97	-11.69	24.00	299
10150	22.01	-11.12	24.66	297	11150	24.63	-6.98	25.60	286	12150	20.86	-12.01	24.07	300
10175	22.17	-11.00	24.75	296	11175	24.47	-6.91	25.43	286	12175	20.65	-12.12	23.94	300
10200	22.24	-11.04	24.82	296	11200	24.03	-7.04	25.04	286	12200	20.35	-12.18	23.72	301
10225	22.26	-11.39	25.01	297	11225	23.94	-7.01	24.94	286	12225	20.11	-12.57	23.72	302
10250	22.74	-10.95	25.24	296	11250	24.14	-6.57	25.01	285	12250	20.11	-12.74	23.81	302
10275	23.12	-10.72	25.48	295	11275	24.26	-6.43	25.09	285	12275	20.25	-13.08	24.11	303
10300	23.09	-10.73	25.46	295	11300	24.06	-6.52	24.93	285	12300	19.95	-13.82	24.27	305

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2939 05/13/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
12325	19.98	-13.79	24.28	304	13325	26.52	-4.63	26.92	280	14325	27.74	-10.95	29.82	291
12350	20.26	-13.91	24.58	304	13350	26.66	-4.77	27.08	280	14350	27.00	-11.52	29.36	293
12375	20.53	-14.86	25.34	306	13375	26.44	-5.00	26.91	281	14375	27.07	-10.77	29.14	291
12400	21.50	-15.09	26.27	305	13400	26.61	-4.73	27.03	280	14400	27.23	-10.34	29.12	291
12425	22.71	-14.89	27.16	303	13425	27.14	-4.67	27.54	280	14425	27.24	-11.10	29.42	292
12450	23.27	-14.63	27.49	302	13450	27.62	-4.92	28.05	280	14450	27.35	-11.69	29.74	293
12475	23.04	-14.02	26.97	301	13475	27.99	-4.94	28.42	280	14475	27.82	-11.26	30.01	292
12500	22.82	-13.08	26.30	300	13500	28.09	-4.76	28.49	279	14500	27.90	-11.52	30.19	292
12525	22.74	-12.64	26.01	299	13525	28.26	-4.85	28.67	280	14525	27.81	-11.88	30.24	293
12550	22.59	-12.64	25.89	299	13550	28.75	-5.29	29.23	280	14550	28.54	-11.33	30.70	291
12575	22.73	-12.28	25.84	298	13575	29.11	-5.88	29.70	281	14575	28.98	-11.65	31.24	292
12600	23.27	-11.67	26.03	296	13600	29.17	-6.48	29.88	282	14600	28.81	-11.59	31.06	292
12625	23.57	-11.09	26.05	295	13625	29.23	-7.61	30.20	284	14625	28.83	-11.20	30.93	291
12650	23.82	-10.30	25.95	293	13650	29.41	-8.48	30.61	286	14650	29.00	-11.24	31.10	291
12675	23.96	-9.87	25.91	292	13675	29.33	-8.05	30.42	285	14675	29.30	-11.22	31.37	291
12700	23.39	-10.05	25.46	293	13700	29.36	-7.95	30.42	285	14700	29.78	-11.55	31.94	291
12725	23.14	-9.71	25.10	293	13725	29.29	-8.33	30.45	286	14725	29.47	-12.48	32.00	293
12750	23.59	-9.03	25.26	291	13750	28.79	-8.96	30.15	287	14750	29.09	-13.19	31.94	294
12775	23.68	-8.18	25.06	289	13775	28.27	-9.18	29.73	288	14775	28.93	-13.52	31.93	295
12800	23.24	-7.44	24.40	288	13800	27.98	-8.50	29.25	287	14800	28.52	-13.66	31.63	295
12825	22.76	-7.14	23.86	287	13825	27.58	-8.71	28.92	287	14825	28.35	-14.05	31.64	296
12850	22.25	-7.56	23.50	289	13850	27.75	-9.43	29.31	289	14850	28.49	-14.46	31.95	297
12875	22.07	-7.98	23.47	290	13875	27.75	-9.77	29.42	289	14875	28.39	-14.70	31.98	297
12900	22.19	-7.44	23.40	288	13900	27.92	-9.80	29.59	289	14900	28.26	-15.96	32.46	299
12925	21.84	-7.39	23.06	288	13925	28.27	-9.74	29.91	289	14925	28.09	-16.72	32.69	301
12950	22.04	-7.49	23.28	289	13950	28.20	-9.90	29.88	289	14950	27.61	-17.41	32.64	302
12975	23.01	-7.11	24.08	287	13975	28.26	-9.84	29.92	289	14975	27.45	-17.91	32.77	303
13000	23.44	-6.88	24.43	286	14000	28.40	-9.38	29.91	288	15000	26.89	-18.47	32.62	304
13025	23.46	-6.96	24.47	286	14025	28.39	-8.65	29.68	287	15025	26.34	-18.13	31.97	304
13050	23.84	-6.55	24.72	285	14050	28.83	-8.27	29.99	286	15050	25.28	-18.19	31.14	306
13075	23.91	-6.19	24.70	284	14075	28.97	-8.19	30.11	286	15075	24.14	-18.62	30.49	307
13100	23.77	-5.79	24.46	283	14100	29.04	-7.12	29.90	284	15100	23.64	-18.61	30.08	308
13125	23.71	-5.37	24.31	283	14125	28.82	-6.36	29.51	282	15125	23.29	-18.39	29.68	308
13150	23.97	-5.03	24.43	281	14150	28.65	-7.01	29.30	284	15150	22.94	-18.82	29.68	309
13175	24.49	-4.79	24.95	281	14175	28.62	-7.55	29.60	285	15175	22.06	-19.16	29.22	311
13200	24.98	-4.80	25.44	281	14200	28.79	-8.29	29.96	286	15200	20.68	-18.39	27.67	311
13225	25.47	-4.44	25.86	280	14225	28.65	-8.91	30.01	287	15225	19.46	-17.89	26.43	312
13250	25.46	-4.43	25.85	280	14250	28.41	-9.49	29.95	288	15250	18.26	-16.62	24.69	312
13275	26.03	-4.43	26.40	279	14275	28.26	-9.67	29.87	289	15275	17.59	-15.37	23.36	311
13300	26.37	-4.45	26.74	279	14300	28.07	-10.17	29.86	290	15300	16.95	-14.56	22.34	310

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 2939 05/13/65, 0100Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
15325	16.49	-14.07	21.68	310	16325	7.98	-11.11	13.68	324	17325	2.44	-12.67	12.90	349
15350	16.12	-13.33	20.92	309	16350	7.68	-10.42	12.95	323	17350	2.33	-12.08	12.30	349
15375	15.47	-12.48	19.87	309	16375	7.83	-9.28	12.14	320	17375	1.85	-11.62	11.77	351
15400	15.03	-11.12	18.69	306	16400	7.29	-8.90	11.50	320	17400	1.04	-11.49	11.54	355
15425	15.12	-9.93	18.09	303	16425	7.06	-8.37	10.95	320	17425	0.45	-10.81	10.82	357
15450	14.75	-9.22	17.39	302	16450	7.75	-7.33	10.67	313	17450	0.17	-10.28	10.28	359
15475	14.57	-8.24	16.74	299	16475	7.58	-7.00	10.31	313	17475	0.12	-9.82	9.82	359
15500	15.38	-7.85	17.27	297	16500	7.01	-7.45	10.23	317	17500	0.13	-9.54	9.55	359
15525	15.96	-7.17	17.50	294	16525	7.07	-6.98	9.93	314	17525	0.38	-9.34	9.35	357
15550	16.03	-6.52	17.31	292	16550	6.91	-6.48	9.47	313	17550	0.10	-9.45	9.45	359
15575	16.32	-5.52	17.23	288	16575	7.03	-6.71	9.71	313	17575	-0.99	-8.99	9.04	6
15600	17.24	-5.71	18.16	288	16600	7.15	-6.61	9.74	313	17600	-1.03	-8.25	8.31	7
15625	17.86	-6.90	19.15	291	16625	6.70	-6.65	9.44	315	17625	-1.37	-7.70	7.82	10
15650	18.37	-8.14	20.09	294	16650	6.75	-6.58	9.43	314	17650	-1.13	-7.55	7.63	8
15675	18.47	-9.58	20.81	297	16675	6.59	-6.90	9.54	316	17675	-0.56	-7.40	7.42	4
15700	18.63	-10.02	21.15	298	16700	5.85	-7.42	9.45	322	17700	-0.29	-7.08	7.08	2
15725	18.57	-9.56	20.89	297	16725	6.26	-7.42	9.71	320	17725	-0.14	-6.94	6.94	1
15750	18.73	-9.68	21.08	297	16750	6.39	-8.12	10.33	322	17750	0.34	-6.76	6.77	357
15775	18.82	-9.49	21.08	297	16775	6.71	-8.65	10.95	322	17775	0.73	-6.81	6.85	354
15800	18.56	-9.80	20.99	298	16800	7.05	-9.02	11.45	322	17800	1.00	-6.71	6.78	351
15825	18.09	-10.20	20.76	299	16825	6.78	-9.70	11.84	325	17825	1.67	-6.51	6.72	345
15850	16.57	-11.53	20.19	305	16850	6.70	-9.73	11.82	325	17850	1.92	-6.58	6.85	344
15875	16.20	-11.76	20.02	306	16875	6.50	-9.94	11.88	327	17875	1.64	-6.72	6.92	346
15900	15.23	-11.45	19.06	307	16900	6.67	-10.46	12.41	327	17900	0.83	-6.81	6.86	353
15925	13.84	-11.93	18.27	311	16925	7.34	-10.61	12.90	325	17925	-0.45	-6.74	6.75	4
15950	13.01	-12.32	17.91	313	16950	7.58	-10.81	13.20	325					
15975	13.02	-11.78	17.56	312	16975	7.55	-10.89	13.25	325					
16000	12.88	-11.78	17.46	312	17000	7.59	-11.00	13.36	325					
16025	12.67	-12.38	17.71	314	17025	7.60	-11.34	13.65	326					
16050	12.57	-13.13	18.18	316	17050	7.53	-11.26	13.55	326					
16075	12.21	-13.43	18.15	318	17075	7.58	-10.95	13.32	325					
16100	11.11	-13.42	17.43	320	17100	7.89	-11.46	13.91	325					
16125	10.39	-13.43	16.97	322	17125	8.05	-12.09	14.53	326					
16150	9.61	-13.24	16.35	324	17150	8.65	-12.53	15.22	325					
16175	9.45	-12.96	16.04	324	17175	8.77	-12.63	15.37	325					
16200	9.18	-12.72	15.69	324	17200	8.18	-13.14	15.48	328					
16225	9.03	-11.84	14.89	322	17225	7.32	-13.78	15.61	332					
16250	8.90	-11.47	14.52	322	17250	5.87	-13.89	15.08	337					
16275	8.35	-12.11	14.71	325	17275	4.91	-13.15	14.04	339					
16300	8.46	-11.40	14.19	323	17300	3.60	-12.92	13.41	344					

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-112

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 3264 05/25/65, 0754Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
4150	-0.82	-5.81	5.87	8	5150	3.77	-4.17	5.62	318	6150	2.89	-3.48	4.53	320
4175	-0.58	-6.02	6.05	5	5175	3.56	-4.15	5.46	319	6175	2.65	-3.31	4.24	321
4200	-0.33	-6.27	6.28	3	5200	3.48	-4.11	5.38	320	6200	2.42	-3.31	4.10	324
4225	-0.10	-6.63	6.63	1	5225	3.57	-3.95	5.33	318	6225	2.27	-3.28	3.99	325
4250	0.18	-6.86	6.87	358	5250	3.79	-3.68	5.29	314	6250	2.24	-3.21	3.92	325
4275	0.49	-7.07	7.09	356	5275	3.92	-3.42	5.20	311	6275	2.29	-3.02	3.79	323
4300	0.79	-7.32	7.36	354	5300	3.83	-3.23	5.01	310	6300	2.29	-2.79	3.61	320
4325	1.14	-7.48	7.56	351	5325	3.65	-3.22	4.87	311	6325	2.19	-2.65	3.44	320
4350	1.50	-7.62	7.76	349	5350	3.47	-3.33	4.81	314	6350	2.01	-2.61	3.29	322
4375	1.89	-7.66	7.89	346	5375	3.39	-3.42	4.82	315	6375	1.91	-2.55	3.19	323
4400	2.29	-7.75	8.08	343	5400	3.32	-3.49	4.82	316	6400	1.84	-2.41	3.03	323
4425	2.70	-7.79	8.24	341	5425	3.18	-3.51	4.73	318	6425	1.83	-2.31	2.94	321
4450	3.12	-7.69	8.30	338	5450	3.15	-3.46	4.67	318	6450	1.77	-2.22	2.84	321
4475	3.55	-7.67	8.45	335	5475	3.13	-3.39	4.61	317	6475	1.57	-2.22	2.72	324
4500	3.97	-7.78	8.73	333	5500	3.06	-3.52	4.67	319	6500	1.38	-2.28	2.66	329
4525	4.41	-7.91	9.06	331	5525	3.06	-3.71	4.80	320	6525	1.18	-2.15	2.45	331
4550	4.85	-7.82	9.20	328	5550	3.06	-3.85	4.92	321	6550	1.03	-1.85	2.11	331
4575	5.28	-7.45	9.13	324	5575	3.15	-3.88	5.00	321	6575	0.90	-1.64	1.87	331
4600	5.70	-7.14	9.13	321	5600	3.24	-3.73	4.94	319	6600	0.75	-1.52	1.69	333
4625	6.13	-7.06	9.35	319	5625	3.27	-3.66	4.91	318	6625	0.70	-1.36	1.53	332
4650	6.56	-6.93	9.54	316	5650	3.34	-3.69	4.98	318	6650	0.69	-1.17	1.36	329
4675	6.98	-6.64	9.63	313	5675	3.33	-3.79	5.05	319	6675	0.62	-1.05	1.22	329
4700	7.36	-6.21	9.63	310	5700	3.18	-3.99	5.10	321	6700	0.52	-0.93	1.06	330
4725	7.70	-5.66	9.56	306	5725	3.02	-4.17	5.15	324	6725	0.47	-0.74	0.87	327
4750	7.94	-5.28	9.53	303	5750	3.10	-4.23	5.24	324	6750	0.37	-0.56	0.67	326
4775	6.40	-5.43	8.39	310	5775	3.20	-4.25	5.32	323	6775	0.20	-0.49	0.53	338
4800	4.13	-5.74	7.07	324	5800	3.07	-4.40	5.37	325	6800	0.07	-0.41	0.42	351
4825	3.58	-5.60	6.65	327	5825	2.92	-4.53	5.39	327	6825	-0.06	-0.21	0.22	16
4850	3.63	-5.26	6.39	325	5850	2.77	-4.34	5.15	327	6850	-0.16	-0.02	0.16	83
4875	3.54	-4.97	6.10	324	5875	2.71	-3.98	4.81	326	6875	-0.08	0.09	0.12	138
4900	3.44	-4.80	5.91	324	5900	2.72	-3.85	4.71	325	6900	0.01	0.31	0.31	182
4925	3.41	-4.67	5.78	324	5925	2.85	-3.90	4.83	324	6925	0.01	0.69	0.69	180
4950	3.44	-4.63	5.77	323	5950	3.04	-3.79	4.86	321	6950	-0.11	1.05	1.06	174
4975	3.43	-4.69	5.81	324	5975	3.17	-3.51	4.72	318	6975	-0.38	1.37	1.43	164
5000	3.36	-4.73	5.80	324	6000	3.24	-3.34	4.65	316	7000	-0.66	1.50	1.64	156
5025	3.38	-4.66	5.76	324	6025	3.39	-3.39	4.79	315	7025	-0.75	1.60	1.77	155
5050	3.56	-4.50	5.74	321	6050	3.50	-3.40	4.87	314	7050	-0.78	1.79	1.96	156
5075	3.71	-4.51	5.84	320	6075	3.33	-3.38	4.75	315	7075	-0.82	1.90	2.07	157
5100	3.91	-4.52	5.98	319	6100	3.12	-3.45	4.65	318	7100	-0.76	2.10	2.24	160
5125	3.98	-4.33	5.88	317	6125	2.99	-3.57	4.66	320	7125	-0.73	2.41	2.52	163

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 3264 05/25/65, 0754Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
7150	-0.74	2.63	2.74	164	8150	0.72	-1.99	2.12	340	9150	3.17	-3.12	4.45	314
7175	-0.77	2.78	2.89	164	8175	0.95	-2.17	2.37	336	9175	3.45	-2.85	4.48	309
7200	-0.75	2.99	3.08	166	8200	1.28	-2.11	2.47	329	9200	3.87	-2.72	4.73	305
7225	-0.66	3.21	3.27	168	8225	1.58	-2.01	2.56	322	9225	4.24	-2.69	5.02	302
7250	-0.59	3.36	3.41	170	8250	1.73	-2.05	2.68	320	9250	4.67	-2.05	5.10	293
7275	-0.60	3.49	3.55	170	8275	1.82	-2.23	2.88	321	9275	5.27	-1.89	5.60	290
7300	-0.56	3.58	3.63	171	8300	1.89	-2.50	3.13	323	9300	5.81	-2.14	6.19	290
7325	-0.63	3.70	3.75	170	8325	1.92	-2.56	3.19	323	9325	5.96	-1.87	6.25	287
7350	-0.88	3.79	3.89	167	8350	2.07	-2.33	3.12	318	9350	5.97	-1.50	6.16	284
7375	-1.19	3.71	3.89	162	8375	2.29	-2.12	3.12	313	9375	6.15	-1.27	6.28	281
7400	-1.39	3.62	3.88	159	8400	2.60	-2.08	3.33	308	9400	6.37	-1.09	6.46	280
7425	-1.40	3.66	3.92	159	8425	2.99	-2.19	3.71	306	9425	6.47	-1.07	6.56	279
7450	-1.51	3.60	3.91	157	8450	3.26	-2.31	4.00	305	9450	6.87	-1.43	7.02	282
7475	-1.79	3.45	3.89	152	8475	3.37	-2.19	4.02	303	9475	7.22	-1.73	7.43	283
7500	-2.07	3.48	4.05	149	8500	3.38	-2.29	4.08	304	9500	7.35	-1.77	7.56	283
7525	-2.38	3.48	4.22	145	8525	3.27	-2.65	4.21	309	9525	7.35	-1.69	7.54	283
7550	-2.31	3.26	4.00	145	8550	3.12	-2.72	4.14	311	9550	7.30	-1.84	7.53	284
7575	-1.83	2.84	3.38	147	8575	2.98	-2.43	3.84	309	9575	7.30	-2.16	7.61	286
7600	-1.59	2.30	2.80	145	8600	3.08	-2.29	3.84	306	9600	7.66	-2.13	7.95	285
7625	-1.50	1.89	2.42	141	8625	3.20	-2.47	4.04	308	9625	8.30	-1.76	8.48	282
7650	-1.54	1.60	2.22	136	8650	3.04	-2.64	4.02	311	9650	8.38	-1.45	8.50	280
7675	-1.65	1.45	2.20	131	8675	2.78	-2.74	3.90	314	9675	8.04	-1.28	8.14	279
7700	-1.63	1.28	2.07	128	8700	2.38	-2.81	3.69	320	9700	8.03	-1.05	8.10	277
7725	-1.68	1.00	1.95	120	8725	2.08	-2.86	3.54	324	9725	8.11	-0.94	8.16	276
7750	-1.63	0.72	1.78	114	8750	1.77	-2.95	3.44	329	9750	8.28	-1.04	8.35	277
7775	-1.45	0.69	1.60	115	8775	1.43	-3.06	3.38	335	9775	8.62	-1.07	8.69	277
7800	-1.47	0.87	1.71	121	8800	1.27	-3.00	3.26	337	9800	8.70	-0.87	8.74	276
7825	-1.37	0.79	1.58	120	8825	1.28	-2.99	3.26	337	9825	8.73	-0.60	8.76	274
7850	-0.94	0.48	1.06	117	8850	1.26	-3.05	3.30	337	9850	8.74	-0.70	8.76	274
7875	-0.47	0.15	0.50	107	8875	1.19	-3.04	3.26	339	9875	8.60	-0.80	8.64	275
7900	-0.24	0.04	0.24	100	8900	1.10	-3.06	3.25	340	9900	8.66	-0.92	8.71	276
7925	-0.10	0.09	0.14	130	8925	1.15	-3.02	3.23	339	9925	8.67	-1.32	8.77	279
7950	0.22	-0.12	0.25	298	8950	1.51	-3.11	3.45	334	9950	8.44	-1.53	8.58	280
7975	0.58	-0.24	0.63	293	8975	1.55	-3.27	3.62	334	9975	8.41	-1.54	8.55	280
8000	0.69	-0.34	0.77	296	9000	1.53	-3.39	3.72	336	10000	8.49	-1.27	8.59	278
8025	0.70	-0.67	0.97	313	9025	1.92	-3.61	4.09	332	10025	8.58	-0.90	8.63	276
8050	0.85	-1.00	1.31	319	9050	2.29	-3.74	4.39	328	10050	8.87	-0.88	8.91	275
8075	0.85	-1.26	1.53	326	9075	2.49	-3.72	4.48	326	10075	9.10	-1.01	9.15	276
8100	0.83	-1.53	1.74	331	9100	2.79	-3.60	4.56	322	10100	9.35	-0.95	9.40	276
8125	0.78	-1.76	1.92	336	9125	3.10	-3.39	4.59	317	10125	9.77	-0.66	9.79	274

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 3264 05/25/65, 0754Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
10150	10.09	-0.41	10.09	272	11150	8.38	-2.44	8.73	286	12150	8.26	-3.97	9.17	295
10175	10.25	-0.15	10.25	271	11175	8.16	-2.50	8.54	287	12175	8.10	-4.33	9.19	298
10200	10.34	-0.02	10.34	270	11200	8.06	-2.36	8.40	286	12200	7.91	-4.50	9.10	299
10225	10.56	0.02	10.56	270	11225	8.06	-2.08	8.32	284	12225	7.70	-4.76	9.05	302
10250	10.87	-0.05	10.87	270	11250	8.09	-1.85	8.30	283	12250	7.66	-5.13	9.21	304
10275	10.98	-0.07	10.98	270	11275	7.97	-1.71	8.16	282	12275	7.57	-5.50	9.35	306
10300	10.91	0.06	10.91	269	11300	7.92	-1.60	8.08	281	12300	7.60	-5.97	9.66	308
10325	10.84	0.06	10.84	270	11325	7.84	-1.26	7.94	279	12325	7.76	-6.24	9.96	309
10350	10.69	0.08	10.69	269	11350	7.68	-1.17	7.77	278	12350	7.58	-6.26	9.83	309
10375	10.57	-0.04	10.57	270	11375	7.59	-1.29	7.70	279	12375	7.29	-6.47	9.75	311
10400	10.71	-0.29	10.71	271	11400	7.42	-1.28	7.53	280	12400	7.04	-6.64	9.68	313
10425	10.93	-0.48	10.94	272	11425	7.23	-1.28	7.34	280	12425	6.74	-6.80	9.57	315
10450	11.08	-0.38	11.08	272	11450	7.04	-1.38	7.17	281	12450	6.56	-7.16	9.72	317
10475	11.28	-0.12	11.28	270	11475	6.99	-1.50	7.15	282	12475	6.50	-7.60	10.00	319
10500	11.66	0.09	11.66	269	11500	7.08	-1.48	7.24	282	12500	6.60	-7.83	10.24	320
10525	11.99	0.40	12.00	268	11525	7.28	-1.43	7.42	281	12525	6.60	-8.07	10.43	321
10550	12.26	0.59	12.27	267	11550	7.49	-1.31	7.60	280	12550	6.56	-8.42	10.68	322
10575	12.32	0.69	12.34	267	11575	7.66	-1.07	7.73	278	12575	6.60	-8.96	11.13	323
10600	12.15	0.79	12.18	266	11600	7.95	-0.96	8.01	277	12600	6.73	-9.68	11.79	325
10625	12.02	0.69	12.04	267	11625	7.99	-1.18	8.08	278	12625	6.89	-10.08	12.21	325
10650	11.99	0.67	12.01	267	11650	7.89	-1.38	8.01	280	12650	6.87	-10.22	12.32	326
10675	11.96	0.70	11.98	266	11675	7.84	-1.40	7.97	280	12675	6.74	-10.10	12.15	326
10700	11.86	0.57	11.87	267	11700	7.64	-1.31	7.75	280	12700	6.79	-9.59	11.75	324
10725	11.75	0.41	11.76	268	11725	7.46	-1.26	7.57	279	12725	7.15	-9.12	11.59	322
10750	11.59	0.29	11.59	268	11750	7.33	-1.26	7.44	280	12750	7.50	-8.75	11.53	319
10775	11.50	0.10	11.50	269	11775	7.16	-1.25	7.26	280	12775	7.44	-8.23	11.09	318
10800	11.34	-0.17	11.34	271	11800	7.05	-1.18	7.15	279	12800	7.17	-7.78	10.58	317
10825	11.07	-0.44	11.08	272	11825	6.90	-1.00	6.97	278	12825	6.84	-7.53	10.17	318
10850	10.87	-0.66	10.89	273	11850	6.68	-0.70	6.71	276	12850	6.47	-7.58	9.96	319
10875	10.69	-0.84	10.72	274	11875	6.48	-0.54	6.51	275	12875	6.00	-7.74	9.79	322
10900	10.26	-1.08	10.31	276	11900	6.54	-0.54	6.56	275	12900	5.46	-7.76	9.49	325
10925	9.84	-1.43	9.95	278	11925	7.07	-0.75	7.11	276	12925	4.95	-7.73	9.18	327
10950	9.68	-1.68	9.84	281	11950	7.70	-1.10	7.78	278	12950	4.58	-7.54	8.82	329
10975	9.50	-2.38	9.80	284	11975	8.25	-1.34	8.36	279	12975	4.21	-7.20	8.34	329
11000	9.41	-2.78	9.82	286	12000	8.41	-1.60	8.56	281	13000	4.15	-7.13	8.25	330
11025	9.24	-2.75	9.64	286	12025	8.18	-1.79	8.37	282	13025	4.39	-7.14	8.39	328
11050	9.01	-2.65	9.39	286	12050	8.19	-2.20	8.48	285	13050	4.55	-6.92	8.28	327
11075	8.89	-2.70	9.30	287	12075	8.46	-2.81	8.92	288	13075	4.80	-6.81	8.34	325
11100	8.91	-2.59	9.28	286	12100	8.49	-3.34	9.12	291	13100	5.17	-6.96	8.67	323
11125	8.73	-2.46	9.07	286	12125	8.40	-3.67	9.17	293	13125	5.59	-7.19	9.10	322

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 3264 05/25/65, 0754Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
13150	5.49	-7.38	9.20	323	14150	5.36	-17.09	17.91	342	15150	4.67	-16.38	17.03	344
13175	4.93	-7.71	9.15	327	14175	5.14	-16.58	17.36	343	15175	4.21	-16.51	17.04	346
13200	4.78	-8.25	9.54	330	14200	5.26	-15.97	16.81	342	15200	3.74	-16.74	17.16	347
13225	5.13	-8.63	10.04	329	14225	5.41	-15.41	16.33	340	15225	3.03	-17.33	17.59	350
13250	5.55	-9.05	10.61	328	14250	5.49	-14.75	15.74	339	15250	2.15	-18.08	18.20	353
13275	5.90	-9.56	11.23	328	14275	5.45	-14.08	15.10	339	15275	1.28	-18.04	18.08	356
13300	5.99	-9.68	11.38	328	14300	5.32	-13.53	14.54	338	15300	1.16	-17.30	17.34	356
13325	5.79	-9.67	11.28	329	14325	5.23	-13.14	14.15	338	15325	1.71	-16.38	16.47	354
13350	5.70	-9.45	11.04	329	14350	5.06	-12.84	13.80	338	15350	2.05	-15.58	15.71	352
13375	5.66	-8.96	10.60	328	14375	4.78	-12.68	13.55	339	15375	1.97	-14.87	15.00	352
13400	5.63	-8.45	10.16	326	14400	4.69	-12.25	13.12	339	15400	1.33	-14.70	14.76	355
13425	5.39	-7.90	9.56	326	14425	4.81	-11.70	12.65	337	15425	0.54	-14.79	14.80	358
13450	5.01	-7.12	8.70	325	14450	5.03	-11.38	12.44	336	15450	0.27	-15.01	15.01	359
13475	4.85	-6.60	8.19	324	14475	5.13	-11.02	12.15	335	15475	0.19	-15.35	15.35	359
13500	4.99	-6.60	8.28	323	14500	5.19	-10.62	11.82	334	15500	-0.26	-15.69	15.69	1
13525	5.19	-6.82	8.57	323	14525	5.51	-10.31	11.69	332	15525	-1.00	-15.95	15.98	3
13550	5.18	-7.09	8.78	324	14550	5.71	-10.06	11.57	330	15550	-1.03	-15.94	15.98	3
13575	5.20	-7.61	9.22	326	14575	5.83	-9.75	11.36	329	15575	-0.66	-15.75	15.76	2
13600	5.20	-8.41	9.89	328	14600	5.95	-9.26	11.01	327	15600	-0.85	-15.45	15.47	3
13625	5.00	-9.25	10.52	331	14625	6.14	-8.59	10.56	324	15625	-1.03	-15.33	15.37	4
13650	4.98	-10.04	11.21	333	14650	6.50	-7.84	10.18	320	15650	-0.90	-15.12	15.15	3
13675	5.14	-10.45	11.65	334	14675	7.28	-7.03	10.12	314	15675	-0.50	-14.67	14.68	2
13700	5.34	-10.88	12.12	334	14700	8.49	-6.65	10.79	308	15700	0.02	-14.18	14.18	360
13725	5.55	-11.48	12.75	334	14725	9.56	-6.86	11.76	305	15725	0.43	-13.45	13.46	358
13750	5.60	-12.00	13.24	335	14750	9.95	-7.76	12.61	308	15750	0.98	-12.46	12.50	355
13775	5.68	-12.24	13.49	335	14775	9.85	-8.95	13.31	312	15775	1.63	-12.08	12.19	352
13800	5.73	-12.56	13.81	335	14800	9.67	-10.01	13.92	316	15800	2.31	-12.00	12.22	349
13825	5.62	-13.14	14.29	337	14825	9.62	-11.20	14.76	319	15825	2.81	-11.63	11.96	346
13850	5.49	-13.54	14.61	338	14850	10.04	-12.74	16.22	322	15850	2.84	-11.37	11.72	346
13875	5.31	-13.89	14.87	339	14875	10.22	-14.12	17.43	324	15875	3.30	-11.21	11.68	343
13900	5.03	-14.25	15.11	340	14900	9.92	-14.92	17.92	326	15900	3.94	-11.10	11.77	340
13925	4.76	-14.51	15.27	342	14925	9.25	-15.50	18.05	329	15925	4.82	-11.24	12.23	337
13950	4.75	-14.74	15.49	342	14950	8.26	-16.02	18.03	333	15950	6.04	-11.69	13.16	333
13975	4.92	-14.86	15.65	341	14975	7.64	-15.92	17.66	334	15975	6.98	-12.60	14.41	331
14000	4.90	-14.82	15.61	342	15000	7.38	-15.49	17.15	334	16000	7.30	-13.98	15.78	332
14025	4.95	-15.00	15.80	342	15025	7.08	-15.30	16.86	335	16025	6.63	-15.47	16.83	337
14050	5.17	-15.70	16.54	342	15050	6.51	-15.20	16.54	337	16050	5.99	-16.51	17.56	340
14075	5.30	-16.43	17.26	342	15075	5.85	-15.37	16.45	339	16075	5.25	-17.13	17.92	343
14100	5.32	-17.03	17.84	342	15100	5.22	-15.81	16.65	342	16100	4.36	-17.50	18.03	346
14125	5.44	-17.28	18.12	342	15125	4.95	-16.20	16.94	343	16125	3.86	-17.51	17.93	347

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

TABLE II-112 (con't)

FPS-16 RADAR/JIMSPHERE WIND VELOCITY PROFILE
TEST NUMBER 3264 05/25/65, 0754Z, EASTERN TEST RANGE, FLORIDA

ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG	ALT METERS	WX M/SEC	WZ M/SEC	WS M/SEC	THETA DEG
16150	3.39	-17.52	17.85	349										
16175	2.75	-17.52	17.73	351										
16200	2.24	-17.47	17.61	353										
16225	1.94	-17.68	17.79	354										
16250	1.41	-17.39	17.45	355										
16275	0.71	-16.69	16.71	357										
16300	0.48	-16.15	16.16	358										
16325	0.27	-15.54	15.54	359										
16350	0.40	-15.10	15.10	358										
16375	1.08	-13.77	13.81	355										
16400	1.91	-13.14	13.28	352										
16425	2.63	-14.22	14.47	349										
16450	2.28	-14.19	14.37	351										
16475	1.30	-13.14	13.20	354										
16500	0.78	-12.14	12.17	356										
16525	0.73	-11.31	11.34	356										
16550	0.72	-10.63	10.66	356										
16575	0.64	-9.80	9.82	356										
16600	0.34	-8.97	8.97	358										
16625	0.04	-8.14	8.14	360										
16650	-0.11	-7.30	7.30	1										
16675	-0.00	-7.05	7.05	0										
16700	0.21	-7.47	7.47	358										
16725	0.03	-7.85	7.85	360										
16750	0.33	-8.81	8.82	358										
16775	0.71	-9.51	9.54	356										
16800	0.70	-10.25	10.28	356										
16825	0.57	-10.42	10.44	357										
16850	1.05	-9.75	9.81	354										
16875	1.79	-8.76	8.94	348										
16900	1.91	-7.60	7.84	346										
16925	1.86	-7.11	7.35	345										
16950	1.43	-6.47	6.63	347										
16975	1.32	-5.53	5.68	346										
17000	1.54	-5.17	5.40	343										

ALT = ALTITUDE, WX = ZONAL COMPONENT, WZ = MERIDIONAL COMPONENT, WS = WIND SPEED, THETA = WIND DIRECTION

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July 9, 1965 APPROVAL NASA TM X-53290

FPS-16 RADAR/JIMSPHERE WIND DATA MEASURED AT THE EASTERN TEST RANGE

By James R. Scoggins and Michael Susko

The information in this report has been reviewed for security classification. Review of any information concerning Department of Defense or Atomic Energy Commission programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

This document has also been reviewed and approved for technical accuracy.

for James R. Scoggins

WILLIAM W. VAUGHAN
Chief, Aerospace Environment Office

E. D. GEISSLER
Director, Aero-Astrodynamics Laboratory

ERRATA

NASA TECHNICAL MEMORANDUM X-53290

FPS-16 RADAR/JIMSPHERE WIND DATA MEASURED AT THE EASTERN TEST RANGE

By James R. Scoggins and Michael Susko

July 9, 1965

Page 6, Table I: The following changes should be made:

Test 0866: Change January 12, 1965, to February 12, 1965.

Test 516-07: Change February 5, 1965, to January 27, 1965.

Test 0734: Change February 10, 1965, to February 5, 1965.

Test 870-07: Change Test No. 870-07, February 10, 1965, to Test No. 516-05, January 27, 1965.

Page 8, Table I (Cont'd): The following should be added for clarification: Add (Radar 19.18) to Test No. 1998, and (Radar 1.16) to Test No. 1997.

Page 16, Fig. 7: For Test No. 0866 change January 12, 1965, to February 12, 1965.

Page 34, Fig. 25: Change Test No. 870-07, February 10, 1965, 2031Z, to Test No. 516-05, January 27, 1965, 2031Z.

Page 141, Table II-7: For Test No. 0866, change January 12, 1965, to February 12, 1965.

Page 194, Table II-25: Change Test No. 870-07, February 10, 1965, 2031Z, to Test No. 516-05, January 27, 1965, 2031Z.

Page 457: In Reference 7 an "a" should be inserted in the word "Balloon" in the title to read:

"Details of Wind Structure from High Resolution Balloon Soundings"

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